

Turbo Cooling



Fan Speed



Smartphone App



Double Coil outdoor unit



R410 Refrigerant



Gold Fin Condenser

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SERIES**

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19SEER2

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MODEL		UNITS	12K 115V	12K 220V	18k 220V	24K 220V
Type			Cooling & Heating	Cooling & Heating	Cooling & Heating	Cooling & Heating
Control type			Remote	Remote	Remote	Remote
Power supply			115V~60Hz/1P	208/230V~60Hz/1P	208/230V~60Hz/1P	208/230V~60Hz/1P
Rated Cooling (95F/35C)	Rated cooling capacity	Btu/h	12000	12000	18000	24000
	EER (95F/35C)	Btu/W.h	10.5	10.5	10	9.5
	SEER 2	Btu/W.h	19	19	19	18
Rated Heating (47F/8.3C)	Rated Heating capacity(47F/8.3C)	Btu/h	12000	12500	19000	24400
	Max. Heating capacity(47F/8.3C)	Btu/h	9000	9000	10000	18000
	HSPF2 Rating (Region IV)	Btu/W.h	10	9.5	10	10
	COP2 (47F/8.3C)	W/W	3	3.2	3	3
	COP2 (5F°/-15F°)	W/W	1.75	1.75	1.75	1.75
Rated Input Consumption	Cooling	W	1140	1140	1800	2520
	Heating	W	1170	1140	1850	2390
Rated Current	Cooling	A	10.1	5.1	8	11.2
	Heating	A	10.4	5.1	8.3	10.6
Min. Circuit Ampacity		A	19	10	12	18
Maximum Fuse Size		A	30	15	20	30
Moisture removal		Liters/h	1.6	1.6	2.2	2.6
		Pint/Day	81	81	111.5	131.5
Maximum Operation Pressure		PSIG	550	550	550	550
Indoor noise level at cooling	Turbo/High/Med./Low/Mute		42/39/34/29/27	42/39/34/29/27	48/45/40/35/31	51/48/43/38/35
Outdoor noise level		dB(A)	52	52	52	58
Connecting Pipe	Gas	inches	3/8"	3/8"	3/8"	1/2"
	Liquid	inches	1/4"	1/4"	1/4"	1/4"
Connecting Wiring	Size x Core number		4×16AWG	4×16AWG	4×16AWG	4×16AWG
Suitable area		Sq. Ft.	Up to 550	Up to 550	Up to 750	Up to 1000
Net dimensions (W x D x H)	Indoor	mm	811x292x205	811x292x205	1010×315×220	1186×340×260
		inch	31.92x11.49x8.07	31.92x11.49x8.07	39.76x12.40x8.66	46.69x13.38x10.23
	Outdoor	mm	728x305x550	715x290x498	780×349×605	845×380×699
		inch	28.66x12.01x21.65	28.14x11.42x19.61	30.70x13.74x23.81	33.26x14.96x27.51
Net weight	Indoor	kg/lbs	9/19.8	9/19.8	13/28.7	17/37.5
	Outdoor	kg/lbs	29.5/65	26/57.3	33.5/73.8	43.5/95.9
Indoor Packing dimensions (W x D x H)		mm	885x366x278	885x366x278	1096×390×300	1265×420×337
		inch	34.84x14.40x10.94	34.84x14.40x10.94	43.15x15.35x11.81	49.80x16.54x13.27
Outdoor Packing dimensions (W x D x H) (without pipe)		mm	818x325x538	818x325x538	890×385×640	950×420×750
		inch	32.20x12.80x21.18	32.20x12.80x21.18	35.03x15.15x25.2	37.40x16.53x29.53
Outdoor Packing dimensions (W x D x H) (with pipe)		mm	838x338x550	838x338x550	900×405×655	960×430×750
		inch	33.00x13.31x21.65	33.00x13.31x21.65	35.43x15.94x25.79	37.79x16.92x29.53
Gross weight (without pipe)	Indoor	kg/lbs	11/24.2	11/24.2	16/35.3	21/46.3
	Outdoor	kg/lbs	28.5/62.8	28.5/62.8	37/81.5	46.8/103.2
Gross weight (with 16.4 ft pipe)	Outdoor	kg	30	30	38.5	48.6
	Outdoor	lbs	66.3	66.3	84.9	107.3
Loading Capacity (IN+OUT)	40'HC (without pipe)		285	285	187	129
Loading Capacity (IN+OUT)	40'HC (with pipe)		250	250	180	129
Loading Capacity (INOOR)	40'HC/ 40'GP/ 20'GP		718/638/302	718/638/302	476/417/198	322/276/126
Loading Capacity (OUT)	40'HC/ 40'GP/ 20'GP(without pipe)		400/400/196	400/400/196	284/213/102	189/187/89
Loading Capacity (OUT)	40'HC/ 40'GP/ 20'GP(with pipe)		360/358/167	360/358/167	274/207/100	189/187/89
Indoor air circulation/H/M/L		CFM	383/318/253	383/318/253	606/465/429	847/700/641
Compressor Brand			GMCC	GMCC	SANYO	SANYO
Compressor Model			ASN98D32UEZ	ASN98D32UEZ	C-6RZ210H1BBF	C-6RZ210H1BAF
Factory Precharge Line		(m/ft)	7.5 / 25	7.5 / 25	7.5 / 25	7.5 / 25
Maximum Line Length		(m/ft)	15 / 50	15 / 50	20 / 65	20 / 65
Maximum Height Difference Between Indoor and Outdoor		(m/ft)	10 / 33	10 / 33	15 / 49	15 / 49
Additional refrigerant charge		(g/m, oz/ft)	20 / 0.22	20 / 0.22	20 / 0.22	20 / 0.22
Operation temperature		°C	16~31	16~31	16~31	16~31
Ambient temperature	Indoor(cooling/ heating)	°C	>=17/<=30	>=17/<=30	>=17/<=30	>=17/<=30
	Outdoor(cooling/heating)	°C	-15~50/-20~30	-15~50/-20~30	-15~50/-20~30	-15~50/-20~30
Ambient temperature	Indoor(cooling/ heating)	°F	>=62/<=86	>=62/<=86	>=62/<=86	>=62/<=86
	Outdoor(cooling/heating)	°F	5~122/-4~86	5~122/-4~86	5~122/-4~86	5~122/-4~86
Stacking layers	Indoor	pieces	7	7	6	6
	Outdoor	pieces	5	6	4	3

MORE FEATURES

- Cooling & Heating Ductless inverter technology system.
- Save up to 60% in comparison with ON-OFF mini splits.
- Wide outdoor temperature operational range.
 - * Cool (5~122 °F)
 - * Heating (-4~89 °F)
- Installation kit included.
- Washable Return Air Filter.
- Celsius and Fahrenheit degree switch.
- Remote control with iFeel sensor.
- Built in Wi-Fi.

*There may be fluctuations, consult a specialist.



ATTENTION!

This is **NOT** a DIY product.
The installation of this equipment should
be done only by a Licensed HVAC Installer
for the warranty to be valid.

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DXLC SERIES

SINGLE ZONE
LIGHT COMMERCIAL
HEAT PUMP SYSTEMS

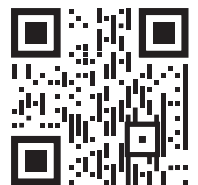


DXLC Series Technical Specifications

Model			DXLC-0923-1Z	DXLC-1223-1Z	DXLC-1823-1Z	DXLC-2423-1Z
Power Supply (Outdoor)		V/Ph/Hz	208-230 / 1 / 60	208-230 / 1 / 60	208-230 / 1 / 60	208-230 / 1 / 60
Power Supply	Voltage Range	V	187-253	187-253	187-253	187-253
	Capacity (Range)	Btu/hr	9000 (2220~11600)	11500 (2100~13450)	17000 (5800~18000)	23000 (6100~28200)
	Input	W	720 (195~1002)	983 (197~1250)	1360 (240~1455)	1840 (290~2680)
	Current	A	4.8 (1.76~4.47)	4.39 (1.78~5.72)	6.17 (1.80~6.17)	8.5 (2.1~11.8)
Cooling (Standard Conditions)	Capacity (Range)	Btu/hr	10000 (2240~13350)	12000 (1900~15000)	20000 (5000~20000)	25000 (11700~33000)
	Input	W	810 (178~1163)	1000 (200~1300)	1880 (300~1880)	2030 (650~2660)
	Current	A	3.7 (1.64~5.17)	4.78 (1.84~5.95)	7.90 (2.20~7.90)	9.3 (4.4~11.7)
	Cop	W/W	3.62	3.52	3.12	3.61
Heating (Standard Conditions)						
Cooling at 5°F (-15°C) / 109°F (43°C)	Rated Capacity	Btu/hr	12500 / 10000	12500 / 10400	19000 / 16500	27197 / 22500
	Rated Capacity	Btu/hr	10000	11900	18500	25000
	Rated Capacity	Btu/hr	10200 / 5930 / 3900	10100 / 6100 / 6200	14100 / 9000 / 6500	18885 / 14000 / 10500
	Cop	W/W	2.4 / 1.7 / 1.15	2.4 / 1.7 / 1.15	2.4 / 1.95 / 1.75	2.4 / 1.89 / 1.51
Minimum Circuit Ampacity(Outdoor)		A	13	13	19	22
Max. Fuse (Outdoor)		A	15	15	30	30
Compressor	Model		KSK103D33UEZ3	KSK103D33UEZ3	KSN140D58UFZ	KTM240D43UKT
	Type		ROTARY	ROTARY	ROTARY	Twin-ROTARY
	Brand		GMCC	GMCC	GMCC	GMCC
	Capacity	W	3255	3255	4315	7600
	Input	W	826	826	1090	2045
	Rated Current(RLA)	A	6.4	6.4	12	15.4
Condenser Fan Motor	Refrigerant Oil / Oil Charge	ml	ESTER OIL VG74 310	ESTER OIL VG74 310	ESTER OIL VG74 440	ESTER OIL VG74 620
	Model		ZKFN-34-10-1	ZKFN-34-10-1	ZKFN-80-8-3	ZKFN-120-8-2
	Qty		1	1	1	1
	Input	W				150
	Output	W	34.0	34.0	80.0	120
	RLA	A	0.4	0.4	0.76	0.5
Outdoor Unit	Speed	r/min	800 / 600	800 / 600	810 / 720	900 / 810 / 450 / 360
	Outdoor Air Flow	m3/h	2200	2200	3500	3800
	Outdoor Air Flow	CFM	1294.12	1294.12	2058.82	2235.29
	Outdoor Noise Level	dB(A)	55	53.5	60	59
	Throttle Type		EXV	EXV	EXV+Throttle valve	EXV+Throttle valve
	Dimension (WxDxH)	mm	765 x 303 x 555	765 x 303 x 555	890 x 342 x 673	946 x 410 x 810
Refrigerant Type	Dimension (WxDxH)	inch	30.12 x 11.93 x 21.85	30.12 x 11.93 x 21.85	35.04 x 13.46 x 26.50	37.24 x 16.14 x 31.89
	Packing (WxDxH)	mm	887 x 337 x 610	887 x 337 x 610	995 x 398 x 740	1090 x 500 x 885
	Packing (WxDxH)	inch	34.92 x 13.27 x 24.02	34.92 x 13.27 x 24.02	39.17 x 15.67 x 29.13	42.91 x 19.69 x 34.84
	Net/Gross Weight	kg	28.9 / 31.3	28.9 / 31.3	42.8 / 45.8	56.6 / 61.2
	Net/Gross Weight	lb	63.71 / 69.00	63.71 / 69.00	94.36 / 100.97	124.78 / 134.92
	Refrigerant Type		R410A	R410A	R410A	R410A
Refrigerant Precharge		ft/m	25 / 7.5	25 / 7.5	25 / 7.5	25 / 7.5
Refrigerant Charge		oz/kg	38 / 1.08	38 / 1.08	56.44 / 1.6	82.89 / 2.35
Additional Charge		oz/ft / g/m	0.16 / 15	0.16 / 15	0.16 / 15	0.32 / 30
Design Pressure		PSIG	550 / 340	550 / 340	550 / 340	550 / 340
Refrigerant Piping	Liquid Side / Gas Side	mm	6.35 / 9.52	6.35 / 12.7	6.35 / 12.7	9.52 / 15.9
		inch	1/4 / 3/8	1/4 / 1/2	1/4 / 1/2	3/8 / 5/8
	Max. Refrigerant Pipe Length	ft/m	82.02 / 25	82.02 / 25	98.42 / 30	164.04 / 50
	Max. Difference In Level	ft/m	32.81 / 10	32.81 / 10	65.62 / 20	82.02 / 25
Room Temperature	Indoor (Cooling)	°F/°C	62~90 / 17~32	62~90 / 17~32	62~90 / 17~32	62~90 / 17~32
	Indoor (Heating)	°F/°C	32~86 / 0~30	32~86 / 0~30	32~86 / 0~30	32~86 / 0~30
	Outdoor (Cooling)	°F/°C	-13~122 / -25~50	-13~122 / -25~50	-13~122 / -25~50	-13~122 / -25~50
	Outdoor (Heating)	°F/°C	-13~75 / -25~24	-13~75 / -25~24	-13~75 / -25~24	-13~75 / -25~24
Connection Wiring			14AWG*4	14AWG*4	14AWG*4	14AWG*4

Features:

- Ducted and duct-free indoor options
- Variable speed compressor
- High-efficiency ECM fan motor
- Factory-installed base pan heater
- Factory-installed crankcase heater
- Low voltage controls
- Auto-restart function
- Condenser high-temperature protection
- Quiet operation
- Anti-corrosive GoldFin nano-coating



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69°

68°

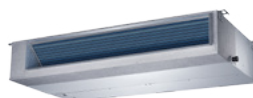
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73°

MULTI ZONE SERIES

Product Catalog





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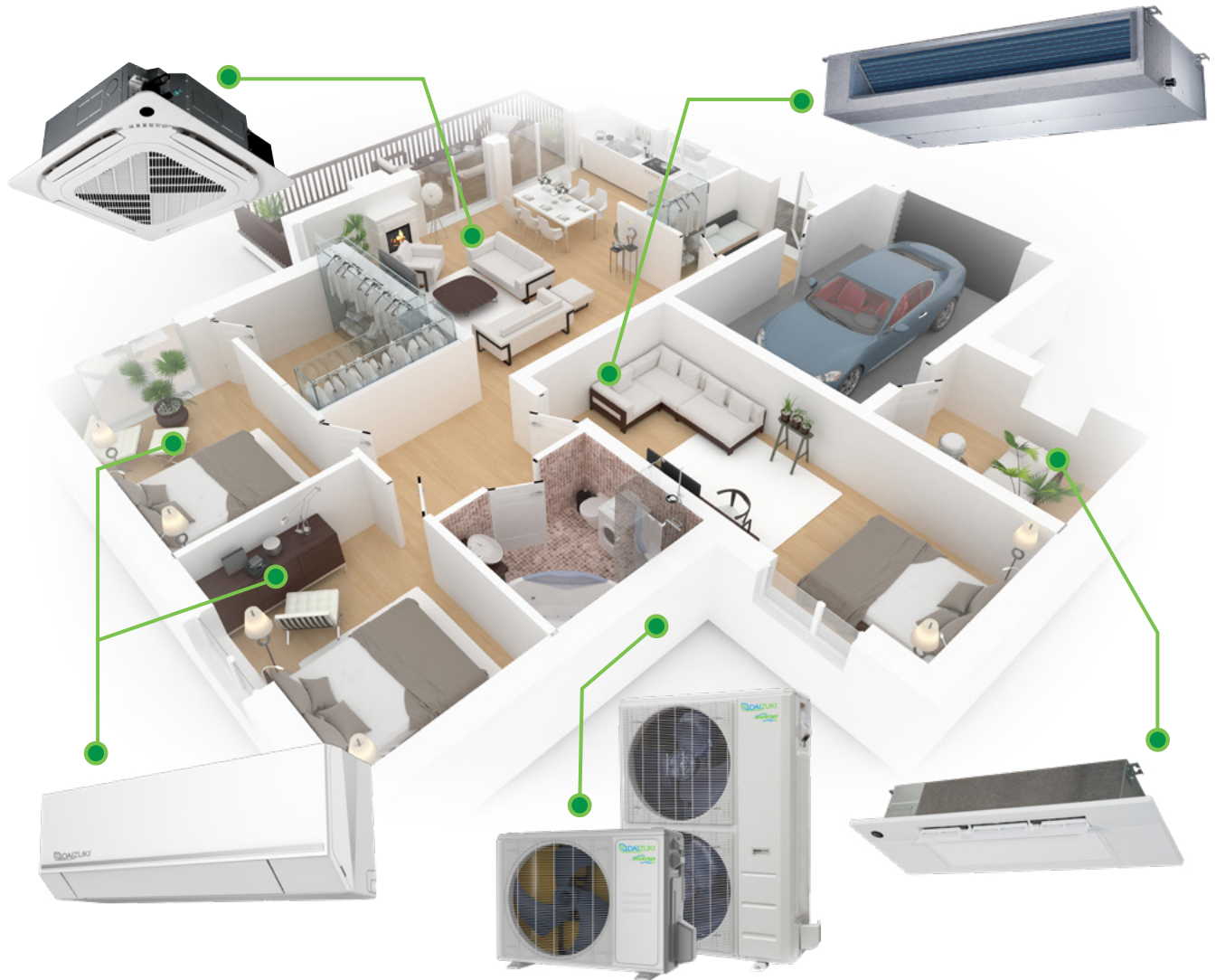
ADVANTAGES OF A FLEX-MOUNT MULTI ZONE SYSTEM

A Multi Zone system, also known as a Flex-Mount HVAC (Heating, Ventilation, and Air Conditioning) system, allows you to control the temperature in different rooms or areas of your house independently.

Each room or zone has its own thermostat and unit, which provides more precise temperature control and customization options.

The ability to customize the temperature in each room is especially beneficial for bedrooms. People often have different temperature preferences when it comes to their sleeping environment.

With a multi zone system, individuals can set the desired temperature specifically for their bedrooms, ensuring optimal comfort during sleep.



This customization feature also offers advantages in other areas of the house. For example, if you have a home office or a living room that receives a lot of sunlight, you can adjust the temperature accordingly to maintain a comfortable working or living environment.

Overall, a multi zone system provides better temperature control and accuracy throughout your house, allowing you to tailor the climate to your specific needs in each room or area.

DAIZUKI® FLEX-MOUNT MULTI ZONE

DXFM Series
Outdoor Unit



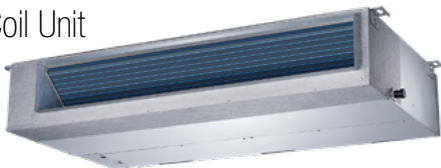
DXMH Series
High Wall Unit



DXFC Series
Floor-Ceiling Unit



DXFU Series
Fan Coil Unit



DXCC Series
Ceiling Cassette Unit



DX1C Series
1-Way Ceiling Cassette Unit



DXAH Series
Air Handler Unit



2 DUAL ZONE

DXFM-1823-2Z
9,000-12,000 BTU/h



3 TRI ZONE

DXFM-2723-3Z
9,000-18,000 BTU/h



Over 246 possible combinations

Connect up to 5 zones with six different indoor units

Innovative inverter technology

Highly efficient and expandable system

Wide selection of indoor units

Ductless or ducted indoor units

Individually controlled zones

Easy connect self-diagnose

Optional Wi-Fi function

Low ambient environment -13°F

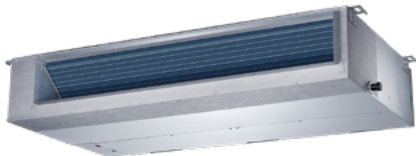
Precise & fast cooling and heating

Available Indoor Units:

- High Wall Mount
- Floor/Ceiling
- 4way Cassette
- Fan Coil
- 1way Cassette
- Air Handler

4 QUAD ZONE

DXFM-3623-4Z
9,000-24,000 BTU/h



5 FIVE ZONE

DXFM-4823-5Z
9,000-24,000 BTU/h



COMBINATION TABLE

DUAL ZONE CONDENSER

DXFM-1823-2Z

Two Units
9+9
9+12
12+12

TRI ZONE CONDENSER

DXFM-2723-3Z

Two Units	Three Units
9+9 12+12	9+9+9 9+12+12
9+12 12+18	9+9+12 12+12+12
9+18 18+18	9+9+18

QUAD ZONE CONDENSER

DXFM-3623-4Z

Two Units	Three Units	Four Units
9+18 12+24	9+9+9 9+12+12 12+12+12	9+9+9+9 9+9+12+18
9+24 18+18	9+9+12 9+12+18 12+12+18	9+9+9+12 9+12+12+12
12+12 18+24	9+9+18 9+12+24 12+12+24	9+9+9+18 12+12+12+12
12+18 24+24	9+9+24 9+18+18 12+18+18	9+9+12+12

FIVE ZONE CONDENSER DXFM-4823-5Z

(Minimum of 2 indoor units must be installed) (Only one AHU allowed per combination)

Two Units	Three Units	Four Units	Five Units
9+24 18+18	9+9+18 9+18+18 12+12+30	9+9+9+9 9+9+12+24 9+12+12+30	9+9+9+9+9 9+9+9+12+24
9+30 18+24	9+9+24 9+18+24 12+12+36	9+9+9+12 9+9+12+30 9+12+18+18	9+9+9+9+12 9+9+12+12+12
9+36 18+30	9+9+30 9+18+30 12+18+18	9+9+9+18 9+9+18+18 9+12+18+24	9+9+9+9+18 9+9+12+12+18
12+24 18+36	9+9+36 9+8+36 12+18+24	9+9+9+24 9+9+18+24 12+12+12+12	9+9+9+9+24 9+12+12+12+12
12+30 24+30	9+12+12 9+24+24 12+18+30	9+9+9+30 9+12+12+12 12+12+12+18	9+9+9+12+12 12+12+12+12+12
12+36 24+36	9+12+18 9+24+30 12+24+24	9+9+9+36 9+12+12+18 12+12+12+24	9+9+9+12+18
30+30	9+12+24 12+12+12 18+18+18	9+9+12+12 9+12+12+24 12+12+18+18	
	9+12+30 12+12+18 18+18+24	9+9+12+18	
	9+12+36 12+12+24		

FIVE ZONE CONDENSER DXFM-6023-5Z

(Minimum of 2 indoor units must be installed) (Only one AHU allowed per combination)

Two Units	Three Units	Four Units	Five Units
9+30 18+24	9+9+18 9+18+36 12+18+30	9+9+18+36 12+12+12+12 12+12+18+18	9+9+9+9+9 9+9+12+12+18
9+36 18+30	9+9+24 9+24+24 12+18+36	9+12+12+12 12+12+12+18 12+12+18+24	9+9+9+9+12 9+9+12+12+24
12+24 18+36	9+9+30 9+24+30 12+24+24	9+12+12+18 12+12+12+24 12+12+18+30	9+9+9+9+18 9+9+12+12+30
12+30 24+30	9+9+36 9+24+36 12+24+36	9+12+12+24 12+12+12+30 12+18+18+18	9+9+9+9+24 9+12+12+12+12
12+36 24+36	9+12+18 12+12+12 18+18+18	9+12+12+30 12+12+12+36 12+18+18+24	9+9+9+9+30 9+12+12+12+18
18+18 30+30	9+12+24 12+12+18 18+18+24	9+12+12+36 12+12+18+18 18+18+18+18	9+9+9+9+36 9+12+12+12+24
30+36	9+12+30 12+12+24 18+18+30	9+12+18+18 12+12+18+24	9+9+9+12+12 12+12+12+12+12
	9+12+36 12+12+30 18+18+36	9+12+18+24 12+12+18+30	9+9+9+12+18 12+12+12+12+18
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	9+18+24 12+18+18 18+24+30		9+9+9+12+30 12+12+12+18+18
	9+18+30 12+18+24 24+24+24		9+9+12+12+12

Properly sizing both the outdoor and indoor units ensures that the HVAC system operates efficiently, maintains comfort conditions in each zone, and prevents overloading the outdoor unit. Operational demand of all combined indoor units BTU output should not exceed the BTU rating of the outdoor unit.

(Only one AHU allowed per combination)

Flex-Mount Multi Zone Efficiency Chart	Outdoor Unit	Non Ducted/Ducted	SEER2	EER2	HSPF2-4	HSPF2-5
	DXFM-1823-2Z	Non Ducted	22.90	13.90	10.50	8.00
		Ducted	19.00	12.00	9.80	7.60
		Mix	20.95	12.95	10.15	7.80
	DXFM-2723-3Z	Non Ducted	24.60	12.70	9.30	7.10
		Ducted	21.00	11.50	9.20	7.00
		Mix	22.80	12.10	9.25	7.05
	DXFM-3623-4Z	Non Ducted	23.90	11.70	9.30	7.10
		Ducted	20.00	11.00	9.20	7.00
		Mix	21.95	11.35	9.25	7.05
	DXFM-4823-5Z	Non Ducted	23.40	12.50	8.70	6.80
		Ducted	20.50	10.80	9.70	7.00
		Mix	21.95	11.65	9.20	7.00
	DXFM-6023-5Z	Non Ducted	21.30	10.50	9.10	6.80
		Ducted	19.00	10.50	8.60	6.00
		Mix	20.15	10.50	8.85	6.60

NOTE: If the total indoor units load exceeds the nominal capacity of the outdoor unit, the practical output capacity of each indoor unit will be correspondingly attenuated. This situation is most evident during heating mode.

FLEX-MOUNT MULTI ZONE

DXFM Series

Flex-Mount Outdoor Models

Diamond-Edged and T-Shaped Design

The Diamond-edged Casing, Archimedes' screw-shaped air outlet and T-Shaped top cover together keep rain or sand away from the unit, ensuring stable operation of the interior.

Water and Fireproof Sealed E-box

The E-box is sealed with water & fireproof metal plate material and double-slot-tight buckles which serve as protection against rain or humidity and precaution for any possible leakage.



CONDENSER FEATURES



DC Inverter Compressor



DC Fan Motor



Anti-Cold Air Function



Low Outdoor Ambient Temperature Operation -13°F



Diamond Edged And T-Shaped Top Cover Design



Water And Fireproof Sealed E-Box



Intelligent Auto-Defrost Technology



Auto Restart



Refrigerant Leak Detection Sensor



Self-Diagnostic Programming



High Efficiency Heat Exchange Design



Built In Base Pan Heater



Gold Fin Hydrophilic Coating Treatment



Easy Maintenance



DXFM Series

Flex-Mount Non-Ducted - Outdoor Models
Heat Pump



Indoor Model No.			NON DUCT	NON DUCT	NON DUCT	NON DUCT	NON DUCT
Outdoor Unit Model			DXFM-1823-2Z	DXFM-2723-3Z	DXFM-3623-4Z	DXFM-4823-5Z	DXFM-6023-5Z
AHRI Certificate Number			133407244617564048	133407271965019712	133407245976835175	133407252502393423	
Power Supply	Rated	V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
	Voltage Range	V	187-253	187-253	187-253	187-253	187-253
Cooling	Capacity	Btu/h	18000(5650~22000)	28000(9838~30438)	36000(8209~40555)	48000(19000~50000)	55000(19000~57300)
	Input	W	1355	2240	3125	3840	5238
	Rated Current	A	6.2	11	13.6	16.8	23.5
	EER2	Btu/W	13.90	12.70	11.70	12.50	10.50
	SEER2		22.90	24.60	23.90	23.40	21.30
Heating at 47°F	Capacity	Btu/h	19000(5050~24400)	28000(8218~31000)	37000(8008~44632)	48000(12500~52000)	55000(12500~60000)
	Input	W	1420	2200	3000	3910	5000
	Rated current	A	6.3	10.5	13.0	17.1	22.5
	COP	W/W	3.92	3.73	3.61	3.6	3.2
	HSPF2-4	Btu/W	10.50	9.50	9.50	8.70	9.10
	HSPF2-5		8.00	7.10	7.10	6.80	6.80
Heating at 5°F	Rated Capacity	Btu/h	12600	15500	23959	27000	33000
	COP	W/W	2.00	1.75	1.75	1.65	1.8
Input Current Power Conv. Equip (Outdoor Unit)		A	13.0	19.0	20.5	26.0	
Minimum Circuit Ampacity (Outdoor Unit)		A	18.0	24.5	25.0	40.0	40
Max. Fuse (Outdoor Unit)		A	25.0	30.0	40.0	60.0	60
Outdoor Air Flow		CFM	1764.71	2129.41	2147.06	4500.00	4500
Outdoor Noise Level		dB(A)	58.5	61	63	64	62
Throttle Type			Capillary +EXV	Capillary +EXV	Capillary +EXV	Capillary +EXV	Capillary +EXV
Outdoor Unit	Dimension (WxDxH)	in	35.04x13.46x26.50	37.24x16.14x31.89	37.24x16.14x31.89	37.48x16.34x52.48	37.48x16.34x52.48
	Packing (WxDxH)	in	39.17x15.67x29.13	42.91x19.69x34.84	42.91x19.69x34.84	43.11x19.49x58.27	43.11x19.49x58.27
	Net/Gross Weight	lb	100.31/108.69	139.77/150.57	169.09/181.44	225.53/256.62	224.21/257.28
	Type/Charged	oz	R410A/65.26	R410A/91.7	R410A/134.04	R410A/162	R410A/162.26
Refrigerant Precharge		ft	49	74	98	123	123
		oz	0.161	0.161	0.161	0.161	0.161
Additional Charge For Each ft		oz	0.322	0.322	0.322	0.322	0.322
Design Pressure		PSIG	550/340	550/340	550/340	550/340	550/340
Refrig. Piping	Liquid Side	in	2 x 1/4"	3 x 1/4"	4 x 1/4"	5 x 1/4"	5 x 1/4"
	Gas Side	in	2 x 3/8"	3 x 3/8"	3 x 3/8" + 1 x 1/2"	3 x 3/8" + 2 x 1/2"	3 x 3/8" + 2 x 1/2"
	Max. Length All Rooms	ft	131	197	262	262	262.46
	Max. One Indoor Unit	ft	82	98	115	115	114.83
	H. Diff. In/Out Door	ft	49	49	49	49	49.21
	H. Diff. Indoor Units	ft	33	33	33	33	33
Connection Wiring			16AWG*4 Stranded, Unshielded				
Outdoor Ambient	Cooling	°F	-13~122	-13~122	-13~122	-13~122	-13~122
	Heating	°F	-13~86	-13~86	-13~86	-13~86	-13~75



DXFM Series

Flex-Mount Ducted - Outdoor Models
Heat Pump

Indoor Model No.			DUCTED	DUCTED	DUCTED	DUCTED	DUCTED
Outdoor Unit Model			DXFM-1823-2Z	DXFM-2723-3Z	DXFM-3623-4Z	DXFM-4823-5Z	DXFM-6023-5Z
AHRI Certificate Number			133407244840226092	133407245536190178	133407251665181574	133407252646931632	
Power Supply	Rated	V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
	Voltage Range	V	187-253	187-253	187-253	187-253	187-253
Cooling	Capacity	Btu/h	18000(3850~22400)	28000(9277~30776)	36000(8789~40288)	48000(19400~51000)	55000(19400-57100)
	Input	W	1498	2485	3400	4850	5238
	Rated Current	A	6.7	11.5	14.8	21.5	24
	EER2	Btu/W	12.00	11.50	11.00	10.80	10.50
	SEER2		19.00	21.00	20.00	20.50	19.00
Heating at 47°F	Capacity	Btu/h	19000(5050~24400)	28000(8388~28869)	37000(6900~46624)	50000(15500~56000)	55000(15500-61600)
	Input	W	1465	2245	3012	4100	4783
	Rated Current	A	6.5	10.5	13.0	18.2	22
	COP	W/W	3.8	3.66	3.60	3.57	3
	HSPF2-4	Btu/W	9.80	9.20	9.20	9.70	8.60
	HSPF2-5		7.60	7.00	7.00	7.20	6.40
Heating at 5°F	Rated Capacity	Btu/h	13300	18700	24000	33000	34600
	COP	W/W	2.00	2.00	1.68	1.70	2.00
Input Current Power Conv. Equip (Outdoor Unit)		A	13.0	19.0	20.5	26.0	
Minimum Circuit Ampacity (Outdoor Unit)		A	18.0	24.5	25.0	40.0	40
Max. Fuse (Outdoor Unit)		A	25.0	30.0	40.0	60.0	60
Outdoor Air Flow		CFM	1764.71	2129.41	2147.06	4500.00	4500
Outdoor Noise Level		dB(A)	58.5	61	63	64	62
Throttle Type			Capillary +EXV	Capillary +EXV	Capillary +EXV	Capillary +EXV	Capillary +EXV
Outdoor Unit	Dimension (WxDxH)	in	35.04x13.46x26.50	37.24x16.14x31.89	37.24x16.14x31.89	37.48x16.34x52.48	37.48x16.34x52.48
	Packing (WxDxH)	in	39.17x15.67x29.13	42.91x19.69x34.84	42.91x19.69x34.84	43.11x19.49x58.27	43.11x19.49x58.27
	Net/Gross Weight	lb	100.31/108.69	139.77/150.57	169.09/181.44	225.53/256.62	224.21/257.28
	Type/Charged	oz	R410A/65.26	R410A/91.7	R410A/134.04	R410A/162	R410A/162.26
Refrigerant Precharge		ft	49	74	98	123	123
		oz	0.161	0.161	0.161	0.161	0.161
Additional Charge For Each ft		oz	0.322	0.322	0.322	0.322	0.322
Design Pressure		PSIG	550/340	550/340	550/340	550/340	550/340
Refrig. Piping	Liquid Side	in	2 x 1/4"	3 x 1/4"	4 x 1/4"	5 x 1/4"	5 x 1/4"
	Gas Side	in	2 x 3/8"	3 x 3/8"	3 x 3/8" + 1 x 1/2"	3 x 3/8" + 2 x 1/2"	3 x 3/8" + 2 x 1/2"
	Max. Length All Rooms	ft	131	197	262	262	262.46
	Max. One Indoor Unit	ft	82	98	115	115	114.83
	H. Diff. In/Out Door	ft	49	49	49	49	49.21
	H. Diff. Indoor Units	ft	33	33	33	33	33
Connection Wiring			16AWG*4 Stranded, Unshielded				
Outdoor Ambient	Cooling	°F	-13~-122	-13~-122	-13~-122	-13~-122	-13~-122
	Heating	°F	-13~-86	-13~-86	-13~-86	-13~-86	-13~-75

New DXMH Universal Indoor Unit

Flex-Mount Indoor High Wall

3 FAST STEPS TO DISASSEMBLE

Open Front Cover

Open Snaps
Remove Screws

Remove Bottom Cover

Open E-Box

Disconnect the fan and vertical
louver motor terminals and drain line

- Easy and fast to disassemble
- Allowing for easy maintenance

Snap open bottom latches, fan and indoor motor assembly



DXMH Series

High Wall Indoor Unit

HIGH WALL FEATURES



Auto Swing For Vertical And Horizontal Airflow Direction



Fully Modulating 12 Speed Indoor Fan



Quick And Easy Blower Removal For Easy Maintenance



Wi-Fi Ready



High Density Hygienic Air Filter Adheres Magnetically To The Unit



Follow Me Temperature Control



Intelligent Sleep Function



Anti-Cold Air Function



Auto Defrost



Auto Restart



Turbo Mode



Mute Operation



Self-Diagnostic Programming



Gold Fin Hydrophilic Coating Treatment



Optional Wired Wall Control

Indoor Unit Model			DXMH09E426-25	DXMH12E426-22	DXMH18E426-20	DXMH24E426-20
Power Supply	Rated	V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
	Voltage Range	V	187-253	187-253	187-253	187-253
Cooling	Rated Capacity	Btu/h	9000 (2500~11900)	12000 (3600~13300)	18000 (2000~19300)	24000 (9200~26800)
Heating at 47°F	Rated Capacity	Btu/h	10000 (3400~13000)	12000 (4500~13500)	19000 (6200~21000)	25000 (10350~27000)
Minimum Circuit Ampacity (Indoor Unit)		A	3.0	3.0	3.0	3.0
Max. Fuse (Indoor Unit)		A	15.0	15.0	15.0	15.0
Indoor Air Flow (Hi/Mi/Lo)		CFM	335.29/ 229.41/176.47	335.29/ 229.41/176.47	523.53/ 376.47/305.88	611.18/ 414.12/318.82
Indoor Noise Level (Hi/Mi/Lo)		dB(A)	38/34/23	36/33.5/22.5	46.5/43/32.5	44/39.5/34
Thermostat Type	Wireless Remote Controller		Standard	Standard	Standard	Standard
	Wired/Programable Controller/Wifi		Optional	Optional	Optional	Optional
Indoor Unit	Dimension (WxDxH)	in	33.39x9.06x11.69	33.39x9.06x11.69	40.04x9.53x12.56	46.85x10.96x14.57
	Packing (WxDxH)	in	36.22x14.57x12.32	36.22x14.57x12.32	43.11x15.75x12.91	50.39x17.91x14.17
	Net/Gross Weight	lb	25.35/30.64	25.57/30.86	28.66/37.48	48.50/59.30
Refrig. Piping	Liquid Side/Gas Side	in	1/4" / 3/8"	1/4" / 1/2"	1/4" / 1/2"	3/8" / 5/8"
Temperature Operation Range	Cooling	°F	60~90	60~90	60~90	60~90
	Heating	°F	32~86	32~86	32~86	32~86
Ambient Temperature	Cooling	°F	-13~122	-13~122	-13~122	-13~122
	Heating	°F	-13~75	-13~75	-13~75	-13~75

DXFC Series

Flex-Mount Indoor Floor-Ceiling

FLOOR-CEILING FEATURES



Slim Compact Design



Ideal For Perimeter Cooling And Heating



Optimized Air Blower For Quiet Operation



Low Amp DC Motor



Quiet Operation



Automatic Restart



Sleep Mode



Auto Swing



Fresh Air Intake



24-Hour Timer



Turbo Mode



Alarm System Port



Two-Way Condensate Draining



Wireless Controller (Standard)



Wired Wall Controller (Optional)



Wi-Fi Controller (Optional)



Built-In Drain Pump, With Easy Access For Maintenance

Indoor Unit Model			DXFC18E426-20	DXFC24E426-20
Power Supply	Rated	V/Ph/Hz	208-230/1/60	208-230/1/60
	Voltage Range	V	187-253	187-253
Cooling	Rated Capacity	Btu/h	18000(6200~18000)	24000(7700~25500)
Heating at 47°F	Rated Capacity	Btu/h	20000(8100~20000)	24000(11600~30900)
Minimum Circuit Ampacity (Indoor Unit)		A	1.9	2.5
Max. Fuse (Indoor Unit)		A	15.0	15.0
Indoor Air Flow (Hi/Mi/Lo)		CFM	548.24/485.29/420.59	758.82/708.24/598.24
Indoor Noise Level (Hi/Mi/Lo)		dB(A)	45.5/43/39	51/47/42
Indoor Unit	Dimension (WxDxH)	in	42.05x26.57x9.25	42.05x26.57x9.25
	Packing (WxDxH)	in	45.08x29.72x12.52	45.08x29.72x12.52
	Net/Gross Weight	lb	57.10/68.34	60.63/72.09
Refrigerant Piping	Liquid Side/Gas Side	in	1/4" / 1/2"	3/8" / 5/8"
Connection Wiring			16AWG*4 Stranded, Unshielded	
Thermostat Type	Wireless Remote Control		Standard	Standard
	Wired/Programmable Wired		Optional	Optional
	WiFi		Optional	Optional
Room Temp.	Cooling	°F	60~90	60~90
	Heating	°F	32~86	32~86

DXFU Series

Flex-Mount Indoor Fan Coil

FAN COIL FEATURES



Slim And Compact Design



Widest Static Pressure Ranges From 30pa Up To 160pa



Flexible Installation Horizontal Or Vertical



Rear Or Bottom Flow Return



Built-In Drain Pump



Fresh Air Intake



Auto Restart



Quiet Operation Down To 27 Db(A)



Gold Fin Hydrophilic Coating Treatment



Easy Maintenance

Indoor Unit Model			DXFU09E426-20	DXFU12E426-21	DXFU18E426-19	DXFU24E426-21
Power Supply	Rated	V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
	Voltage Range	V	187-253	187-253	187-253	187-253
Cooling	Rated Capacity	Btu/h	9000(2220~11600)	12000(2100~13450)	18000(5800~18000)	24000(6100~28200)
Heating at 47°F	Rated Capacity	Btu/h	10000(2240~13350)	12000(1900~15000)	20000(5000~20000)	24600(11700~33000)
Minimum Circuit Ampacity (Indoor Unit)		A	3.0	3.0	3.0	3.0
Indoor Air Flow (Hi/Mi/Lo)		CFM	352.94/282.35/176.47	352.94/282.35/176.47	529.41/450.00/370.59	775.47/693.06/434.88
Indoor Noise Level (Hi/Mi/Lo)		dB(A)	33.5/28.5/27	38/34.5/31	40/37.5/35	44/41/37
Thermostat Type	Wireless Remote Control		Optional	Optional	Optional	Optional
	WiFi		Optional	Optional	Optional	Optional
External Static Pressure (ESP)	Rated	Pa	25	25	25	25
		In. wc.	0.1	0.1	0.1	0.1
	Range	Pa	0-40	0-40	0-100	0-160
		In. wc.	0-0.16	0-0.16	0-0.40	0-0.64
Indoor Unit	Dimension (WxDxH)	in	27.56x17.72x7.87	27.56x17.72x7.87	34.65x28.53x8.27	43x30x10
	Packing (WxDxH)	in	33.86x21.26x10.83	33.86x21.26x10.83	42.13x28.53x10.63	51x32x12
	Net/Gross Weight	lb	37.5/48.3	37.5/48.3	54/66	87/103
Refrig. Pipping	Liquid Gas Side	in	1/4" / 3/8"	1/4" / 1/2"	1/4" / 1/2"	3/8" / 5/8"
Temperature Operation Range	Cooling	°F	60~90	60~90	60~90	60~90
	Heating	°F	32~86	32~86	32~86	32~86
Ambient Temperature	Cooling	°F	-13~122	-13~122	-13~122	-13~122
	Heating	°F	-13~75	-13~75	-13~75	-13~75

DXCC Series

Flex-Mount Indoor Four-Way Cassette

4-WAY CEILING CASSETTE FEATURES



New Super Slim Compact Design



Optimized Air Blower For Quiet Operation



360° Round Air Flow



External Duct Support



Fresh Air Intake



Low Amp DC Motor



Built-In Drain Pump, With Easy Access For Maintenance



Auto Restart



Quiet Operation Down To 27 Db(A)



Gold Fin Hydrophilic Coating Treatment



Fireproof Electrical Box



Wireless Controller (Standard)



Wired Wall Controller (Optional)



Easy Maintenance

Indoor Unit Model			DXCC09E426-20	DXCC12E426-21	DXCC18E426-20	DXCC24E426-20
Power Supply	Rated	V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
	Voltage Range	V	187-253	187-253	187-253	187-253
Cooling	Rated Capacity	Btu/h	9000(2970~10500)	12000(2800~14100)	16000(5600~16000)	24000(8130~26272)
Heating at 47 °F	Rated Capacity	Btu/h	10000(2230~11650)	12000(1950~14600)	18500(7700~18500)	25000(10650~30000)
Minimum Circuit Ampacity (Indoor Unit)		A	3.0	3.0	1.9	2.5
Max. Fuse (Indoor Unit)		A	15.0	15.0	15.0	15.0
Indoor Air Flow (Hi/Mi/Lo)		m3/h	600/520/460	644/525/443	956/825/746	1200/1080/930
Indoor Air Flow (Hi/Mi/Lo)		CFM	352.94/305.88/270.59	379/309/261	562.35/485.29/438.82	706/635/547
Indoor Noise Level (Hi/Mi/Lo)		dB(A)	39.5/36/32.5	40.5/35.5/31.5	43.5/38.5/35.5	49/46/43
Indoor Unit	Dimension (WxDxH)	in	22.44x22.44x10.24	22.44x22.44x10.24	22.44x22.44x10.24	32.68x32.68x8.07
	Packing (WxDxH)	in	26.06x26.06x12.48	26.06x26.06x12.48	26.06x26.06x12.48	35.83x35.83x9.84
	Net/Gross Weight	lb	31.97/38.14	35.27/41.01	35.71/46.96	47.18/55.34
Panel	Dimension (WxDxH)	in	25.47x25.47x1.97	25.47x25.47x1.97	25.47x25.47x1.97	37.40x37.40x2.17
	Packing (WxDxH)	in	28.15x28.15x4.84	28.15x28.15x4.84	28.15x28.15x4.84	40.75x40.75x3.54
	Net/Gross Weight	lb	5.52/9.92	5.52/9.92	5.52/9.92	13.23/19.84
Refrig. Piping	Liquid Side/Gas Side	in	1/4" / 3/8"	1/4" / 1/2"	1/4" / 1/2"	3/8" / 5/8"
Connection Wiring			16AWG*4 Stranded, Unshielded			
Thermostat Type	Wireless Remote Control		Standard	Standard	Standard	Standard
	Wired/Programmable Control, Wifi		Optional	Optional	Optional	Optional
Temperature Operation Range	Cooling	°F	60~90	60~90	60~90	60~90
	Heating	°F	32~86	32~86	32~86	32~86
Ambient Temperature	Cooling	°F	-13~122	-13~122	-13~122	-13~122
	Heating	°F	-13~75	-13~75	-13~75	-13~75

DX1C Series

Flex-Mount Indoor One-Way Cassette

1-WAY CEILING CASSETTE FEATURES



Slim Compact Design



Ideal For Perimeter Cooling And Heating



Optimized Air Blower For Quiet Operation



360° Air Flow



Low Amp DC Motor



Built-In Circuit Breaker For Safety



Built-In Drain Pump, With Easy Access For Maintenance



Quiet Operation



Sleep Mode



Auto Swing



Turbo Mode



Wireless Controller (Standard)



Wired Wall Controller (Optional)



Wi-Fi Controller (Optional)

Indoor Unit Model			DX1C09426-22	DX1C12426-22	DX1C18426-21
Power Supply	Rated	V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60
	Voltage Range	V	187-253	187-253	187-253
Cooling	Rated Capacity	Btu/h	9000(4400~11200)	12000(4000~13200)	18000(3200~18100)
	Input	W	692(320~980)	952(160~1200)	1440(415~1690)
Heating at 47°F	Rated Capacity	Btu/h	11000(3800~12400)	12000(1900~15000)	20000(5000~20000)
Minimum Circuit Ampacity (Indoor Unit)		A	3	3	3
Max. Fuse (Indoor Unit)		A	15	15	5
Indoor Air Flow (Hi/Mi/Lo)		CFM	294.12/258.82/235.29	311.76/282.35/247.06	351.76/300.00/207.06
Indoor Noise Level (Hi/Mi/Lo)		dB(A)	38/36/33	40.5/38.5/34.5	44/41/34
Thermostat Type			Remote Control	Remote Control	Remote Control
Indoor Unit	Dimension (WxDxH)	in	50.31x13.19x8.98	50.31x13.19x8.98	50.31x13.19x8.98
	Packing (WxDxH)	in	57.60x22.48x22.64	57.60x22.48x22.64	57.60x22.48x22.64
	Net/Gross Weight	lb	43.87/81.35	45.19/82.89	45.19/82.89
Drainage Water Pipe Diameter		in	1	1	1
Design Pressure		PSIG	550/340	550/340	550/340
Refrigerant Piping	Liquid Side/Gas Side	in	1/4" / 3/8"	1/4" / 1/2"	1/4" / 1/2"
Operation Temperature Range	Cooling	°F	60~90	60~90	60~90
	Heating	°F	32~86	32~86	32~86
Ambient Temperature	Cooling	°F	-13~122	-13~122	-13~122
	Heating	°F	-13~75	-13~75	-13~75

DXAH Series

Flex-Mount Indoor/Outdoor Heat Pump

AIR HANDLER FEATURES



4-Way Multi Position Installation



Vertical Upflow or Downflow,
Horizontal Left or Horizontal Right



Compatible With Most 24v Wired Thermostats



Easy Pull-Out Blower Wheel Housing For Maintenance



Dedicated Uv Light Connection Port



Automatic Static Pressure Adjustment



Anti-Cold Air Function



Auto Restart



Brushless DC Motor



Refrigerant Leak Detection



Optional Auxiliary Electric Heat Kit
Available In 5kw, 10kw, 15kw



Wireless Controller (Included)



Wired Wall Controller (Included)



Wi-Fi Controller (Optional)



Indoor/Outdoor Unit Model			DXAH18E426-21	DXAH24E426-20
Power Supply		V/Ph/Hz	208-230/1/60	208-230/1/60
Cooling	Rated Capacity	Btu/h	18000 (5300~18700)	24000 (7400~26000)
Heating	Rated Capacity	Btu/h	18000 (5600~18700)	26000 (5600~30000)
Minimum Circuit Ampacity (Indoor Unit)		A	3	4
Max. Fuse (Indoor Unit)		A	15	15
Indoor Fan Motor	Model		ZKFD-250-8-1	ZKFD-250-8-1
	RLA	A	1	3
Indoor Air Flow (Hi/Mi/Lo)		CFM	576.47/529.41/488.24	758.82/694.12/629.41
Indoor Noise Level (Hi/Mi/Lo)		dB(A)	36/34/32	43/40/35.5
ESP	Range	Pa	0-200	0-200
	Range	In. wg.	0-0.8	0-0.8
Indoor Unit	Dimension (WxDxH)	in	21*17-1/2*45	21*17-1/2*45
	Packing (WxDxH)	in	25.20x20.87x50.39	25.20x20.87x50.39
	Net/Gross Weight	lb	105.82/129.41	105.82/129.41
Refrigerant Piping	Liquid Side / Gas Side	in	1/4" / 1/2"	3/8" / 5/8"
Operation Temperature Range	Cooling	°F	60-90	60-90
	Heating	°F	32-86	32-86
Ambient Temperature	Cooling	°F	-13~122	-13~122
	Heating	°F	-13~75	-13~75

CONTROLS



Wireless Remote Control

Hi-Wall, Cassette Floor/Ceiling (standard)
Ducted (optional)

Features:



Fahrenheit / Celsius
and Timer Display



Sleep Function Display



Control Lock



Fan Speed Selection



Function Mode



FOLLOW ME Mode



Mute Function Display



ON/OFF Mode



Wired 7-Day Programmable Control For DXAH units

Features:



Daisy chain up to
16 Indoor Units



Mode Display



Child Lock Function,
Prevents Unauthorized Settings



Fahrenheit / Celsius
and Timer Display



Lock Display



Saves Energy Consumption



Fan Speed Display



ON/OFF display



NETHOME PLUS WiFi Kit

Allows you to connect
to DXMH and DXCC

DXMH Series

High Wall Unit



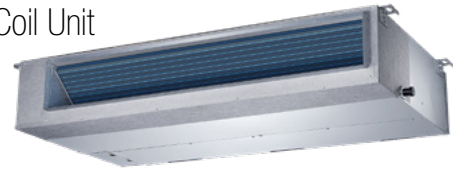
DXFC Series

Floor-Ceiling Unit



DXFU Series

Fan Coil Unit



DXAH Series

Air Handler Unit



DXCC Series

4-Way Ceiling Cassette Unit



DX1C Series

1-Way Ceiling Cassette Unit



COMBINATION TABLE

DUAL ZONE CONDENSER

DXFM-1823-2Z

Two Units
9+9
9+12
12+12

TRI ZONE CONDENSER

DXFM-2723-3Z

Two Units		Three Units	
9+9	12+12	9+9+9	9+12+12
9+12	12+18	9+9+12	12+12+12
9+18	18+18	9+9+18	

QUAD ZONE CONDENSER

DXFM-3623-4Z

Two Units		Three Units			Four Units	
9+18	12+24	9+9+9	9+12+12	12+12+12	9+9+9+9	9+9+12+18
9+24	18+18	9+9+12	9+12+18	12+12+18	9+9+9+12	9+12+12+12
12+12	18+24	9+9+18	9+12+24	12+12+24	9+9+9+18	12+12+12+12
12+18	24+24	9+9+24	9+18+18	12+18+18	9+9+12+12	

FIVE ZONE CONDENSER DXFM-4823-5Z

(Minimum of 2 indoor units must be installed) (Only one AHU allowed per combination)

Two Units		Three Units			Four Units			Five Units	
9+24	18+18	9+9+18	9+18+18	12+12+30	9+9+9+9	9+9+12+24	9+12+12+30	9+9+9+9+9	9+9+9+12+24
9+30	18+24	9+9+24	9+18+24	12+12+36	9+9+9+12	9+9+12+30	9+12+18+18	9+9+9+9+12	9+9+12+12+12
9+36	18+30	9+9+30	9+18+30	12+18+18	9+9+9+18	9+9+18+18	9+12+18+24	9+9+9+9+18	9+9+12+12+18
12+24	18+36	9+9+36	9+18+36	12+18+24	9+9+9+24	9+9+18+24	12+12+12+12	9+9+9+9+24	9+12+12+12+12
12+30	24+24	9+12+12	9+24+24	12+18+30	9+9+9+30	9+12+12+12	12+12+12+18	9+9+9+12+12	12+12+12+12+12
12+36	24+30	9+12+18	9+24+30	12+24+24	9+9+9+36	9+12+12+18	12+12+12+24	9+9+9+12+18	
	24+36	9+12+24	12+12+12	18+18+18	9+9+12+12	9+12+12+24	12+12+18+18		
	30+30	9+12+30	12+12+18	18+18+24	9+9+12+18				
		9+12+36	12+12+24						

FIVE ZONE CONDENSER DXFM-4823-5Z

(Minimum of 2 indoor units must be installed) (Only one AHU allowed per combination)

Two Units		Three Units			Four Units			Five Units	
9+30	18+24	9+9+18	9+18+36	12+18+30	9+9+9+9	9+9+18+30	9+12+18+24	9+9+9+9+9	9+9+12+12+18
9+36	18+30	9+9+24	9+24+24	12+18+36	9+9+9+12	9+9+18+36	9+12+18+30	9+9+9+9+12	9+9+12+12+24
12+24	18+36	9+9+30	9+24+30	12+24+24	9+9+9+18	9+12+12+12	12+12+12+12	9+9+9+9+18	9+9+12+12+30
12+30	24+30	9+9+36	9+24+36	12+24+30	9+9+9+24	9+12+12+18	12+12+12+18	9+9+9+9+24	9+12+12+12+12
12+36	24+36	9+12+18	12+12+12	12+24+36	9+9+9+30	9+12+12+24	12+12+12+24	9+9+9+9+30	9+12+12+12+18
18+18	30+30	9+12+24	12+12+18	18+18+18	9+9+9+36	9+12+12+30	12+12+12+30	9+9+9+9+36	9+12+12+12+24
	30+36	9+12+30	12+12+24	18+18+24	9+9+12+12	9+12+12+36	12+12+12+36	9+9+9+12+12	12+12+12+12+12
		9+12+36	12+12+30	18+18+30	9+9+12+18	9+12+12+12	12+12+18+18	9+9+9+12+18	12+12+12+12+18
		9+18+18	12+12+36	18+18+36	9+9+12+24	9+12+12+18	12+12+18+24	9+9+9+12+24	12+12+12+12+24
		9+18+24	12+18+18	18+24+24	9+9+12+30	9+12+12+24	12+12+18+30	9+9+9+12+30	12+12+12+18+18
		9+18+30	12+18+24	18+24+30	9+9+12+36	9+12+12+30	12+18+18+18	9+9+12+12+12	
			24+24+24		9+9+18+18	9+12+12+36	12+18+18+24		
					9+9+18+24	9+12+18+18	18+18+18+18		

Properly sizing both the outdoor and indoor units ensures that the HVAC system operates efficiently, maintains comfort conditions in each zone, and prevents overloading the outdoor unit. Operational demand of all combined indoor units BTU output should not exceed the BTU rating of the outdoor unit.

(Only one AHU allowed per combination)

Hyper Heat Flex-Mount Multi Zone Table of Efficiency Heat models	Outdoor Unit	Non Ducted/Ducted	SEER2	EER2	HSPF2-4	HSPF2-5
	DXFM-1823H-2Z	Non Ducted	22	12.5	9.8	7.7
		Ducted	19	12	9.3	7.5
		Mix	20.5	12.3	9.6	7.6
	DXFM-2723H-3Z	Non Ducted	23	12.5	10.6	8.1
		Ducted	20	11.7	9.5	7.5
		Mix	21.5	12.1	10.1	7.8
	DXFM-3623H-4Z	Non Ducted	22.2	13.6	10.3	8.3
		Ducted	19	11.3	10	8.1
		Mix	20.6	12.5	10.2	8.2
	DXFM-4823H-5Z	Non Ducted	21.8	11.7	9.8	7.6
		Ducted	20.9	11.7	8.9	7.4
		Mix	21.4	11.7	9.4	7.5
	DXFM-6023H-5Z	Non Ducted	11	10.5	9.3	7.3
		Ducted	18.8	10.5	9.3	7.3
		Mix	20.4	10.5	9.3	7.3

NOTE: If the total indoor units load exceeds the nominal capacity of the outdoor unit, the practical output capacity of each indoor unit will be correspondingly attenuated. This situation is most evident during heating mode.

QUICK SPECS

MULTI-ZONE								
Indoor Unit Model No.	Outdoor Unit Model No.	Min. Power Supply Wire Size (AWG)	Min. Inter-Connecting Wire Size (AWG)	Breaker Size (A)	Piping Sizes (in)	Max. Allowable Piping Length (ft)	Min. Allow. Piping Length (ft)	Max. Allowable Elevation Difference (ft)
9-24K: DXMH, DXFC, DXCC, DXFU, 18-36K:DXAH	DXFM-1823-2Z	12*3	16*4, Stranded	25	(1/4"/3/8")*2	66 for 1 IDU 98 for sum up	9	1) 33 for ODU higher than IDU 2) 49 for ODU lower than IDU 3) 33 between IDU and IDU"
	DXFM-2723-3Z	12*3	16*4, Stranded	35	(1/4"/3/8")*3	82 for 1 IDU 148 for sum up	9	
	DXFM-3623-4Z	10*3	16*4, Stranded	45	(1/4"/3/8")*3 & (1/4"/1/2")*1	98 for 1 IDU 197 for sum up	9	
	DXFM-4823-5Z	10*3	16*4, Stranded	50	(1/4"/3/8")*3 & (1/4"/1/2")*2	98 for 1 IDU 246 for sum up	9	
	DXFM-6023-5Z	10*3	16*4, Stranded	50	(1/4"/3/8")*3 & (1/4"/1/2")*2	98 for 1 IDU 246 for sum up	9	
	DXFM-1823H-2Z	12*3	16*4, Stranded	35	(1/4"/3/8")*2	82 for 1 IDU 148 for sum up	9	
	DXFM-2723H-3Z	10*3	16*4, Stranded	45	(1/4"/3/8")*3 & (1/4"/1/2")*1	98 for 1 IDU 197 for sum up	9	
	DXFM-3623H-4Z	10*3	16*4, Stranded	50	(1/4"/3/8")*3 & (1/4"/1/2")*2	98 for 1 IDU 246 for sum up	9	
	DXFM-4823H-5Z	10*3	16*4, Stranded	50	(1/4"/3/8")*3 & (1/4"/1/2")*2	98 for 1 IDU 246 for sum up	9	
	DXFM-6023H-5Z	10*3	16*4, Stranded	50	(1/4"/3/8")*3 & (1/4"/1/2")*2	98 for 1 IDU 246 for sum up	9	

DXMH - HIGH WALL								
Indoor Model No.	Outdoor Model No.	Min. Power Supply Wire Size (AWG)	Min. Inter-Connecting Wire Size (AWG)	Breaker Size (A)	Piping Sizes (in)	Max. Allowable Piping Length (ft)	Minimum Piping Lengths (ft)	Max. Allowable Elevation Difference (ft)
DXMH09E426-25	DXFM-1823-2Z	12*3	16*4, Stranded	15	1/4", 3/8"	82	12	33
DXMH12E426-22	DXFM-2723-3Z	12*3	16*4, Stranded	15	1/4", 1/2"	82	12	33
DXMH18E426-20	DXFM-3623-4Z	12*3	16*4, Stranded	20	1/4", 1/2"	98	12	66
DXMH24E426-20	DXFM-4823-5Z	12*3	16*4, Stranded	25	3/8", 5/8"	164	12	82

QUICK SPECS

MULTI-ZONE												
Indoor Unit Model No.	Outdoor Unit Model No.	Factory Refrigerant Charge (ft)	Refrigerant Adjustment Factor (oz. per ft)	Drain Pipe Size(in)	SEER2 (non ducted)	EER2 (non ducted)	HDPF2-4 (non ducted)	HDPF2-5 (non ducted)	SEER2 (non ducted)	EER2 (non ducted)	HDPF2-4 (non ducted)	HDPF2-5 (non ducted)
9-24K: DXMH, DXFC, DXCC, DXFU, 18-36K:DXAH	DXFM-1823-2Z	25*2	0.16	refer IDU	22.9	13.9	10.5	8	19	12	9.8	7.6
	DXFM-2723-3Z	25*3	0.16	refer IDU	24.6	12.7	9.3	7.1	21	11.5	9.2	7
	DXFM-3623-4Z	25*4	0.16	refer IDU	26	13	9.8	7.8	20	12	9.2	7.2
	DXFM-4823-5Z	25*5	0.16	refer IDU	23.4	12.5	8.7	6.8	20.5	10.8	9.7	7.2
	DXFM-6023-5Z	25*5	0.16	refer IDU	21.3	10.5	9.1	6.8	19	10.5	8.6	6.4
	DXFM-1823H-2Z	25*2	0.16	refer IDU	22	12.5	9.8	7.7	19	12	9.3	7.5
	DXFM-2723H-3Z	25*3	0.16	refer IDU	23.7	12.8	10.8	8.3	19.4	12	9.9	7.8
	DXFM-3623H-4Z	25*4	0.16	refer IDU	22.2	13.6	10.3	8.3	19	11.3	10	8.1
	DXFM-4823H-5Z	25*4	0.16	refer IDU	21.8	11.7	9.8	7.6	20.9	11.7	8.9	7.4
	DXFM-6023H-5Z	25*4	0.16	refer IDU	22	10.5	9.3	7.3	18.8	10.5	9.3	7.3

DXMH - HIGH WALL							
Indoor Unit Model No.	Outdoor Unit Model No.	Factory Refrigerant Charge (ft)	Refrigerant Adjustment Factor (oz. per ft)	Drain Pipe Size (in)	SEER2	EER2	HSPF2-4
DXMH09E426-25	DXFM-1823-2Z	25	0.16	3/4"	25.5	15	12.2
DXMH12E426-22	DXFM-2723-3Z	25	0.16	3/4"	23.2	13.7	13.2
DXMH18E426-20	DXFM-3623-4Z	25	0.16	3/4"	22.6	12.5	12
DXMH24E426-20	DXFM-4823-5Z	25	0.32	3/4"	22	14	12

QUICK SPECS

DXFC - FLOOR-CEILING

Indoor Model No.	Outdoor Model No.	Min. Power Supply Wire Size (AWG)	Min. Inter-Connecting Wire Size (AWG)	Breaker Size (A)	Piping Sizes (in)	Max. Allowable Piping Length (ft)	Minimum Piping Lengths (ft)	Max. Allowable Elevation Difference (ft)
DXFC18E426-20	DXFM-3623-4Z	12*3	16*4, Stranded	15.0	1/4", 1/2"	98	12	66
DXFC24E426-20	DXFM-4823-5Z	12*3	16*4, Stranded	18.0	3/8", 5/8"	164	12	82

DXFU - FAN COIL

Indoor Model No.	Outdoor Model No.	Min. Power Supply Wire Size (AWG)	Min. Inter-Connecting Wire Size (AWG)	Breaker Size (A)	Piping Sizes (in)	Max. Allowable Piping Length (ft)	Minimum Piping Lengths (ft)	Max. Allowable Elevation Difference (ft)
DXFU09E426-20	DXFM-1823-2Z	12*3	16*4, Stranded	10.0	1/4", 3/8"	82	12	33
DXFU12E426-21	DXFM-2723-3Z	12*3	16*4, Stranded	12.0	1/4", 1/2"	82	12	33
DXFU18E426-19	DXFM-3623-4Z	12*3	16*4, Stranded	15.0	1/4", 1/2"	98	12	66
DXFU24E426-21	DXFM-4823-5Z	12*3	16*4, Stranded	18.0	3/8", 5/8"	164	12	82

DXCC - 4-WAY CASSETTE

Indoor Model No.	Outdoor Model No.	Min. Power Supply Wire Size (AWG)	Min. Inter-Connecting Wire Size (AWG)	Breaker Size (A)	Piping Sizes (in)	Max. Allowable Piping Length (ft)	Minimum Piping Lengths (ft)	Max. Allowable Elevation Difference (ft)
DXCC09E426-20	DXFM-1823-2Z	12*3	16*4, Stranded	10.0	1/4", 3/8"	82	12	33
DXCC12E426-21	DXFM-2723-3Z	12*3	16*4, Stranded	12.0	1/4", 1/2"	82	12	33
DXCC18E426-20	DXFM-3623-4Z	12*3	16*4, Stranded	15.0	1/4", 1/2"	98	12	66
DXCC24E426-20	DXFM-4823-5Z	12*3	16*4, Stranded	18.0	3/8", 5/8"	164	12	82

DX1C - 1-WAY CASSETTE

Indoor Model No.	Outdoor Model No.	Supply Wire Size (AWG)	Inter-Connecting Wire Size (AWG)	Breaker Size (A)	Piping Sizes (in)	Max. Allowable Pipe Length (ft)	Minimum Pipe Lengths (ft)	Max. Difference in Level (ft)
DX1C09426-22	DXFM-1823-2Z	12*3	14*4 AWG	10.0	1/4", 3/8"	82	12	32.8
DX1C12426-22	DXFM-2723-3Z	12*3	14*4 AWG	10.0	1/4", 3/8"	82	12	32.8
DX1C18426-21	DXFM-3623-4Z	12*3	14*4 AWG	15.0	1/4", 1/2"	98	12	66

QUICK SPECS

DXFC - FLOOR-CEILING

Indoor Unit Model No.	Outdoor Unit Model No.	Factory Refrigerant Charge (ft)	Refrigerant Adjustment Factor (oz. per ft)	Drain Pipe Size (in)	SEER2	EER2	HSPF2-4
DXFC18E426-20	DXFM-3623-4Z	25	0.16	3/4"	21.5	12.5	10.50
DXFC24E426-20	DXFM-4823-5Z	25	0.32	3/4"	20.0	12.5	11.2

DXFU - FAN COIL

Indoor Unit Model No.	Outdoor Unit Model No.	Factory Refrigerant Charge (ft)	Refrigerant Adjustment Factor (oz. per ft)	Drain Pipe Size(in)	SEER2	EER2	HSPF2-4
DXFU09E426-20	DXFM-1823-2Z	25	0.16	3/4"	21	13.5	11.5
DXFU12E426-21	DXFM-2723-3Z	25	0.16	3/4"	21.5	12.5	11.5
DXFU18E426-19	DXFM-3623-4Z	25	0.16	3/4"	20.5	12.5	11
DXFU24E426-21	DXFM-4823-5Z	25	0.32	3/4"	21.5	12.6	11.2

DXCC - 4-WAY CASSETTE

Indoor Unit Model No.	Outdoor Unit Model No.	Factory Refrigerant Charge (ft)	Refrigerant Adjustment Factor (oz. per ft)	Drain Pipe Size (in)	SEER2	EER2	HSPF2-4
DXCC09E426-20	DXFM-1823-2Z	25	0.16	3/4"	20	13	10.5
DXCC12E426-21	DXFM-2723-3Z	25	0.16	3/4"	22	14	10.6
DXCC18E426-20	DXFM-3623-4Z	25	0.16	3/4"	20.5	12.5	11.00
DXCC24E426-20	DXFM-4823-5Z	25	0.32	1"	20.7	12.5	10.5

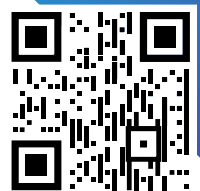
DX1C - 1-WAY CASSETTE

Indoor Unit Model No.	Outdoor Unit Model No.	Factory Refrigerant Pre-Charge (ft)	Additional Refrigerant Charge (oz. per ft)	Drain Pipe Size (in)	SEER2	EER2	HSPF2-4
DX1C09426-22	DXFM-1823-2Z	25	0.16	1"	22.9	13.9	10.5
DX1C12426-22	DXFM-2723-3Z	25	0.16	1"	24.6	12.7	9.5
DX1C18426-21	DXFM-3623-4Z	25	0.16	1"	23.9	11.7	9.5

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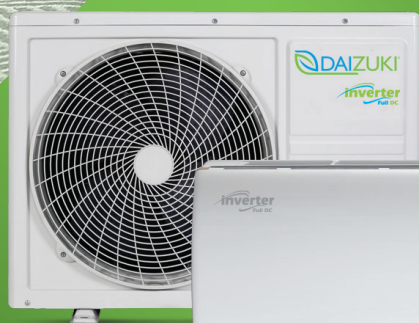
Up to

20
SEER2

DXTHA-20 SERIES

MINI SPLIT SYSTEM

HEAT PUMP



inverter
Full DC



NOISELESS



DAIZUKI®

DXTHA-20 Series Technical Specification Heat Pump

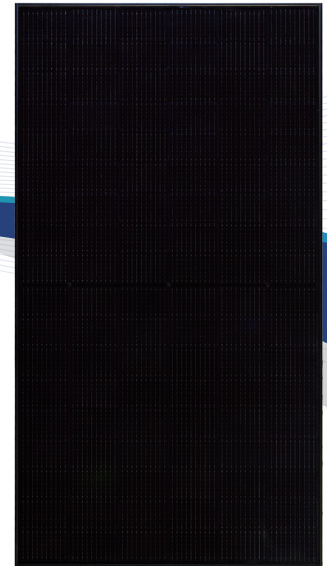
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Indoor Model		DXTH09E416A-20	DXTH09E426A-20	DXTH12E416A-20	DXTH12E426A-20	DXTH18E426A-20	DXTH24E426A-20	DXTH36E426A-17
Outdoor Model		DXTH09C416A-20	DXTH09C426A-20	DXTH12C416A-20	DXTH12C426A-20	DXTH18C426A-20	DXTH24C426A-20	DXTH36C426A-17
Type		Cooling & Heating	Cooling & Heating	Cooling & Heating	Cooling & Heating	Cooling & Heating	Cooling & Heating	Cooling & Heating
Control Type		Remote	Remote	Remote	Remote	Remote	Remote	Remote
Rated Cooling Capacity	Btu/h	9000 (3412~10918)	9000 (3412~10918)	12000 (2047~13136)	12000 (2047~13136)	18000 (3753~19107)	24000 (5118~25249)	36000 (7506~37532)
	W	2640 (1000~3400)	2638 (1000~3200)	3517 (600~3850)	3517 (600~3850)	5275 (1100~5600)	7033 (1500~7400)	10550 (2200~11000)
Rated Heating Capacity	Btu/h	10000 (3412~12283)	10000 (3412~12283)	12200 (2388~13989)	12200 (2388~13989)	19600 (3753~21154)	24400 (5118~25931)	36000 (7165~37532)
	W	2930 (1000~3600)	2930 (1000~3600)	3576 (700~4100)	3576 (700~4100)	5744 (1100~6200)	7150 (1500~7600)	10550 (2100~11000)
EER2 (95°F/35°C) for Cooling	Btu/W.h	10.0	10.0	10.0	10.0	9.4	10.0	9.0
SEER2 for Cooling	Btu/W.h	19.0	19.0	19.0	19.0	19.0	20.0	19.0
COP2 (47°F/8.3°C) for Heating	W/W	3.41	3.41	3.21	3.21	3.21	3.21	3.01
HSPF2 Rating (Region IV)	Btu/W.h	8.5	8.5	8.5	8.5	8.5	8.5	8.5
Power Supply	V/Ph/Hz	115V / 1Ph / 60Hz	208-230V / 1Ph / 60Hz	115V / 60Hz / 1Ph	208-230V / 1Ph / 60Hz	208-230V / 1Ph / 60Hz	208-230V / 1Ph / 60Hz	208-230V / 1Ph / 60Hz
Voltage Range	V	105~125	165~265	105~125	165~265	165~265	165~265	165~265
Voltage Range	Cooling	A	7.8 (1.2~11.0)	4.3 (1.2~6.3)	10.4 (2.0~14.5)	5.2 (1.0~7.0)	8.7 (1.2~11.8)	11.4 (1.6~14.0)
	Heating	A	7.4 (1.2~13.0)	4.1 (1.2~6.6)	9.7 (2.0~14.5)	4.9 (1.0~7.5)	8.2 (1.3~11.5)	10.2 (1.7~13.5)
Rated Input	Cooling	W	900 (140~1270)	900 (140~1230)	1200 (200~1650)	1200 (200~1650)	1910 (270~2700)	2400 (200~3250)
	Heating	W	860 (140~1500)	860 (140~1460)	1113 (200~1750)	1113 (200~1750)	1790 (320~2650)	2225 (230~3100)
Max Current	Cooling	A	11.0	6.3	14.5	9.0	12.0	20.5
	Heating	A	13.0	6.6	16.0	10.0	13.0	18.5
Max Power Input	Cooling	W	1270	1230	1650	1650	2700	4200
	Heating	W	1500	1460	1750	1750	2650	3800
Moisture Removal	Liters/h	1.1	1.1	1.6	1.6	2.2	2.6	3.0
Pressure	High(DP)	MPa	4.5	4.5	4.5	4.5	4.5	4.5
	Low(SP)	MPa	1.9	1.9	1.9	1.9	1.9	1.9
Indoor Noise Level at Cooling	Super	dB(A)	41	41	43	43	50	53
	High	dB(A)	39	39	40	40	48	51
	Med.	dB(A)	34	34	35	35	43	46
	Low	dB(A)	29	29	29	29	38	40
Outdoor Noise Level	dB(A)	53	53	54	54	55	58	61
Refrigerant	Type/g/oz	R410A / 750g / 26.45oz	R410A / 750g / 26.45oz	R410A / 970g / 34.21oz	R410A / 970g / 34.21oz	R410A / 1180g / 41.62oz	R410A / 1450g / 51.14oz	R410A / 2450g / 86.42oz
Compressor	Type	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
	Model	KSX82D26UEZ3	KSX82D26UEZ3	KSX103D33UEZC3	KSX103D33UEZC3	C-1RZ140H3CBF	C-6RZ140H1AAF	KTM240D43UMT
	MFG	GMCC	GMCC	GMCC	GMCC	SANYO	SANYO	GMCC
Indoor Air Circulation (Cooling)	m3/h	580 / 620	580 / 620	620 / 650	620 / 650	1000 / 1000	1450 / 1500	1500 / 1550
Indoor Fan Type	-	Cross Flow	Cross Flow	Cross Flow	Cross Flow	Cross Flow	Cross Flow	Cross Flow
Indoor Fan Speed H/M/L	Cooling	rpm	1300/1200/1000/850/800	1300/1200/1000/850/800	1320/1200/1030/880/800	1320/1200/1030/880/800	1270/1200/1000/850/700	1250/1150/970/800/750
	Heating	rpm	1200/1150/980/850/800	1200/1150/980/850/800	1320/1200/980/850/800	1320/1200/980/850/800	1270/1200/1000/850/750	1250/1150/970/800/750
	Dry	rpm	1300	1300	1320	1320	1270	1250
	Sleep	rpm	850 / 850	850 / 850	880 / 850	880 / 850	850 / 850	800 / 800
Indoor Fan Motor	-	22001-000307	22001-000267	22001-000307	22001-000267	"22001-000240(DC) / 2109002908"	"22001-000240(DC) / 2109002908"	"22001-000240(DC) / 2109002908"
Indoor Fan Motor Output	W	20	23	20	23	45	45	45
Outdoor Fan Type	-	Propeller	Propeller	Propeller	Propeller	Propeller Fan	Propeller Fan	Propeller
Outdoor Fan Motor	-	22001-000555	22001-000555	22001-000555	22001-000555	22001-000493(DC)	22001-000147(DC)	22001-000147(DC)
Outdoor Fan Speed	rpm	1000	1000	1000	1000	1000	850	850
Outdoor Fan Motor Output	W	33	33	33	33	33	85	85
Connecting Pipe	Gas	in	3/8"	3/8"	3/8"	3/8"	1/2"	5/8"
	Liquid	in	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
Connecting Wiring	Size x Core Number	4 x 16AWG	4 x 16AWG	4 x 16AWG	4 x 16AWG	4 x 16AWG	4 x 16AWG	4 x 16AWG
Drainage Pipe	in/mm	0.0 5/8" / 16mm	0.0 5/8" / 16mm	0.0 5/8" / 16mm	0.0 5/8" / 16mm	0.0 5/8" / 16mm	0.0 5/8" / 16mm	0.0 5/8" / 16mm
Suitable Area	ft²/m²	29.5~52.4 / 9~16	29.5~52.4 / 9~16	49.2~75.4 / 15~23	49.2~75.4 / 15~23	65.6~114.8 / 20~35	98.4~164.0 / 30~50	131.2~196.8 / 40~60
Net Dimensions (W x D x H)	Indoor	in	31.92x11.49x7.99	31.92x11.49x7.99	31.92x11.49x7.99	31.92x11.49x7.99	39.76x12.40x8.66	46.69x13.38x10.15
		mm	811x292x203	811x292x203	811x292x203	811x292x203	1010x315x220	1186x340x258
	Outdoor	in	30.59x11.41x19.60	30.59x11.41x19.60	30.59x11.41x19.60	30.59x11.41x19.60	33.58x13.74x23.70	36.22x16.57x31.61
		mm	777x290x498	777x290x498	777x290x498	777x290x498	853x349x602	920x380x699
Net Weight	Indoor	lb/kg	19.84 / 9	19.84 / 9	19.84 / 9	19.84 / 9	28.66 / 13	36.37 / 16.5
	Outdoor	lb/kg	48.50 / 22	48.50 / 22	55.11 / 25	55.11 / 25	70.54 / 32	90.38 / 41
Packing Dimensions (W x D x H)	Indoor	in	34.84x14.40x10.82	34.84x14.40x10.82	34.84x14.40x10.82	34.84x14.40x10.82	43.14x15.35x11.69	49.80x16.53x13.26
		mm	885x366x275	885x366x275	885x366x275	885x366x275	1096x390x297	1265x420x337
	Outdoor	in	32.99x13.30x21.25	32.99x13.30x21.25	32.99x13.30x21.25	32.99x13.30x21.25	35.43x15.94x25.39	37.79x16.92x28.81
		mm	838x338x540	838x338x540	838x338x540	838x338x540	900x405x645	960x430x732
Gross Weight with Pipe	Indoor	lb/kg	24.25 / 11	24.25 / 11	24.25 / 11	24.25 / 11	35.27 / 16	45.19 / 20.5
	Outdoor	lb/kg	55.11 / 25	55.11 / 25	61.72 / 28	61.72 / 28	79.36 / 36	101.41 / 46



HY-DH108P8B

395-415W

108 Pieces | HALF-CELL | P-Type



21.3%
Max.Efficiency

P-Type
Bifacial & Dual Glass



High Conversion Efficiency

Module efficiency up to 21.3% achieved through advanced cell technology and manufacturing process



Excellent weak light performance

More power output in weak light condition, such as cloudy days, morning and sunset



Extended mechanical performance

Module certified to withstand extreme wind(2400 Pa) and snow loads(5400 Pa)



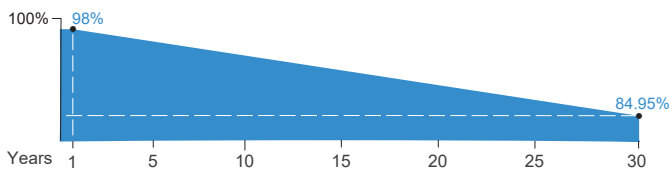
Quality Guarantee

High module quality ensures long-term reliability



Munich RE

IEC61215 / IEC61730 / UL61730
IEC61701 / IEC62716 / IEC60068
ISO9001 / ISO14001/ ISO45001



Hyperion P-Type Dual Glass Product Performance Warranty

12 Years Product Warranty

30 Years Linear Power Warranty

2% First Year Degradation

0.45% Annual Power Degradation

American Hyperion Solar LLC.

2880 Zanker Road, Suite 203, San Jose, CA 95134

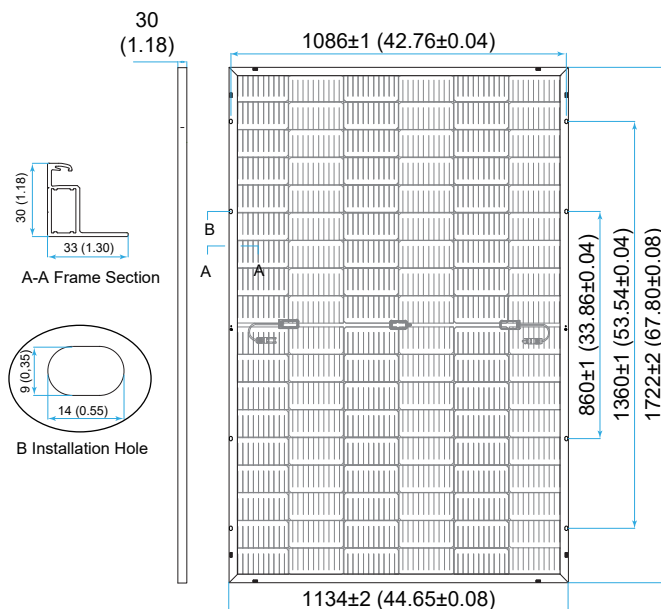
info@hyperion-usa.com
www.hyperion-solar.com

Mechanical Parameters

Solar Cell	Mono PERC 182 mm
No. of Cells	108(6 × 18)
Dimensions	1722 × 1134 × 30mm(67.80 × 44.65 × 1.18in.)
Weight	24.2kg(53.35lbs)
Junction Box	IP68 rated (3 bypass diodes)
Output Cable	4mm ² (IEC), 12 AWG(UL) ±1200mm(±47.24in.) or customized
Connector	RY01 or similar
Front Cover	2.0mm (0.079in.) semi-tempered AR glass
Back Cover	2.0mm (0.079in.) semi-tempered glass
Container	36 pcs/Pallet, 756 pcs/40' HC

Operating Parameters

Max. System Voltage	DC 1500V(IEC/UL)
Operating Temperature	-40°C ~ +85°C(-40°F ~ +185°F)
Max. Fuse Rating	30A
Frontside Max. Loading	5400Pa(112lb/ft ²)
Backside Max. Loading	2400Pa(50lb/ft ²)
Bifaciality	70%±10%
Fire Resistance	IEC Class A, UL Type 29



Electrical Characteristics - STC

Irradiance 1000 W/m², ambient temperature 25 °C, AM1.5.

Maximum Power at STC (P _{max} /W)	415	410	405	400	395
Power Tolerance (W)	0 ~ +5				
Optimum Operating Voltage (V _{mp} /V)	31.61	31.45	31.21	31.01	30.84
Optimum Operating Current (I _{mp} /A)	13.13	13.04	12.98	12.90	12.81
Open Circuit Voltage (V _{oc} /V)	37.45	37.32	37.23	37.07	36.98
Short Circuit Current (I _{sc} /A)	14.02	13.95	13.87	13.79	13.70
Module Efficiency	21.3%	21.0%	20.7%	20.5%	20.2%

Electrical Characteristics - NMOT

Irradiance 800 W/m², ambient temperature 20 °C, AM1.5, wind speed 1 m/s.

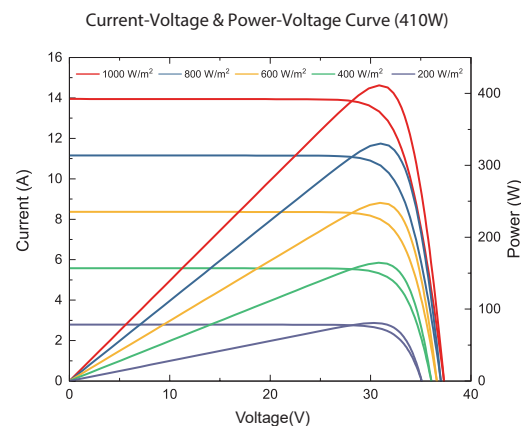
Maximum Power at NMOT (P _{max} /W)	313.9	310.2	306.4	302.5	298.8
Optimum Operating Voltage (V _{mp} /V)	29.98	29.82	29.60	29.41	29.25
Optimum Operating Current (I _{mp} /A)	10.47	10.40	10.35	10.29	10.22
Open Circuit Voltage (V _{oc} /V)	35.51	35.39	35.31	35.15	35.07
Short Circuit Current (I _{sc} /A)	11.31	11.25	11.19	11.13	11.05

Rearside Power Gain (Reference to 415W Front)

Rearside Power Gain	5%	15%	25%
Maximum Power (P _{max} /W)	436	477	519
Optimum Operating Voltage (V _{mp} /V)	31.61	31.71	31.71
Optimum Operating Current (I _{mp} /A)	13.79	15.05	16.36
Open Circuit Voltage (V _{oc} /V)	37.45	37.55	37.55
Short Circuit Current (I _{sc} /A)	14.72	16.08	17.48
Module Efficiency	22.3%	24.4%	26.6%

Temperature Characteristics

Nominal Module Operating Temperature	42 ± 2 °C
Nominal Cell Operating Temperature	45 ± 2 °C
Temperature Coefficient of P _{max}	-0.35%/°C
Temperature Coefficient of V _{oc}	-0.27%/°C
Temperature Coefficient of I _{sc}	0.050%/°C





SR5K-UL Data Sheet

The SR5K-UL is a rack-mount battery module for residential and light commercial use. It uses high-quality lithium iron phosphate (LFP) battery cells with an advanced battery management system (BMS) to provide safe and reliable energy storage for solar self-consumption, time-based control, and backup.

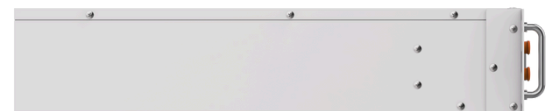
Advanced Features:

- LCD screen for monitoring & programming
- Integrated Fire Arrestors
- Emergency Rapid Shutdown Function
- Automatic Battery Heaters
- Parallel up to 64 units with closed-loop communication

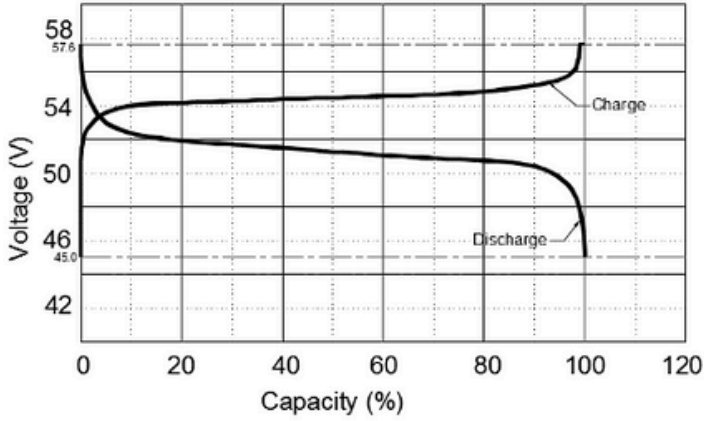
Specifications

Model	SR5K-UL
Chemistry	Lithium Iron Phosphate (LiFePO ₄)
Nominal Voltage	51.2 VDC
Voltage Range	47.5 VDC to 58 VDC
Nominal Capacity	100 Ah
Energy Capacity	5 kWh*
Unit Dimensions (L x W x H)	17.4" x 18.5" x 5.51"
Unit Weight	99.2 lbs
Maximum Continuous Discharge Current	100 A
Standard Continuous Discharge Rate	90 A
Maximum Continuous Charge Current	100 A
Standard Continuous Charge Current	30 A
Round-Trip Efficiency	≥95%
Communication Protocol	RS232, RS485, CAN
Cycle Life	≥6000 cycles @ 80% DOD
Battery Lifespan	≥15 years
Connection Type	Parallel (up to 64)
Temperature Range for Charging	32 to 113°F
Temperature Range for Discharging	-4 to 122°F
Certifications:	UL1973, UL9540A, UN38.3
Warranty	10 years; 15 year optional

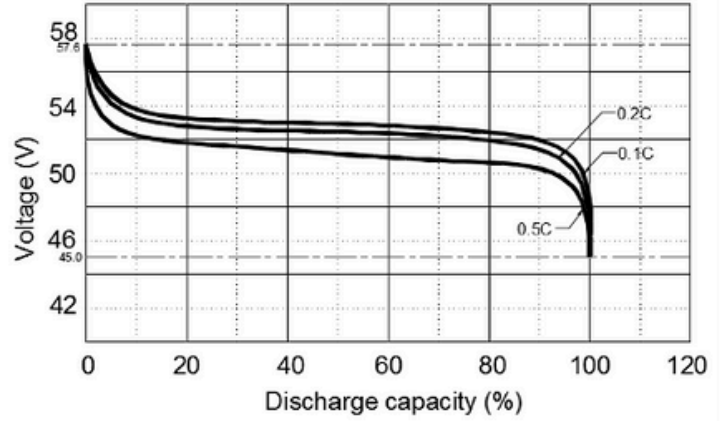
*Based on Usable Energy



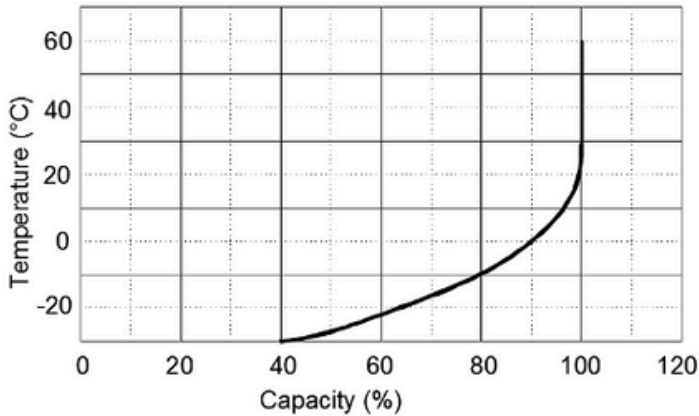
Charge & Discharge curve with 0.5C @ 25°C



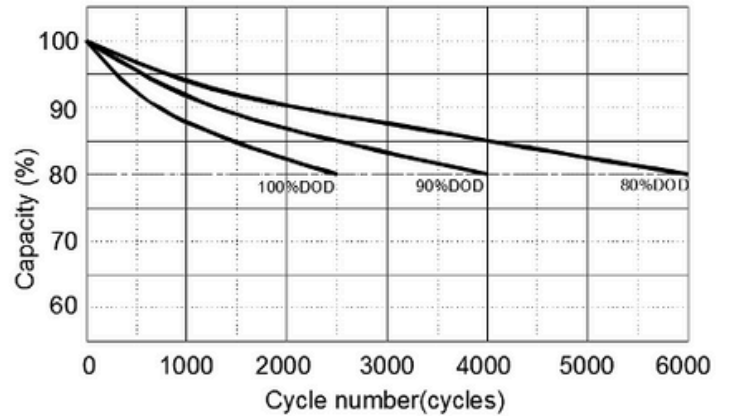
Discharge performance with different rate @ 25°C



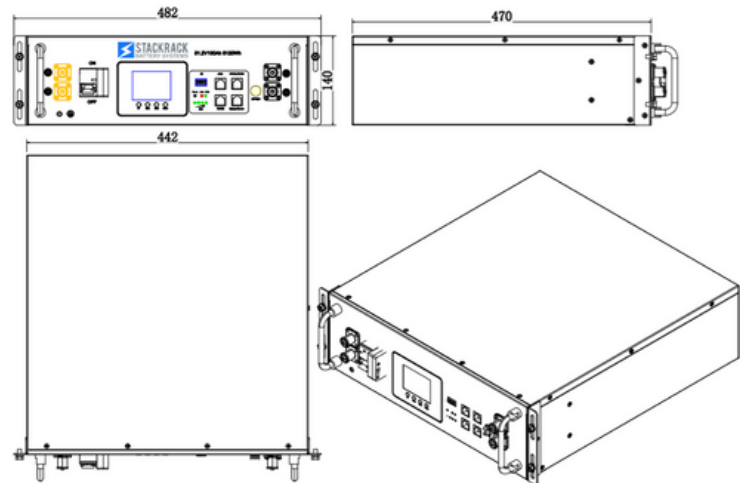
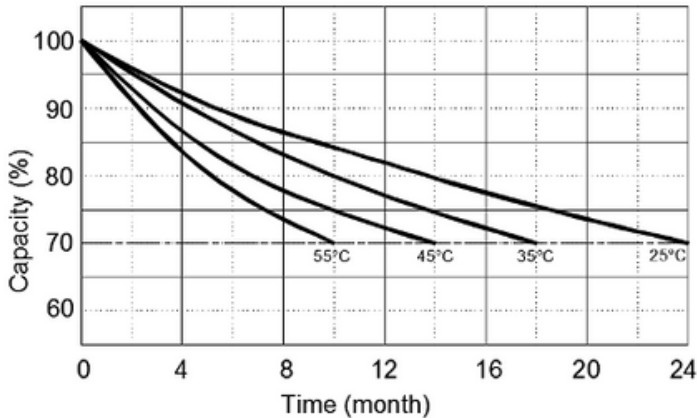
Discharge capacity with different temperature @ 0.5C



Cycle life with DOD @ 0.5C, 25°C



Self-discharge @ different temperature





STACKRACK

BATTERY SYSTEMS

SRB2 Data Sheet



Modular Battery Systems for Homes & Businesses

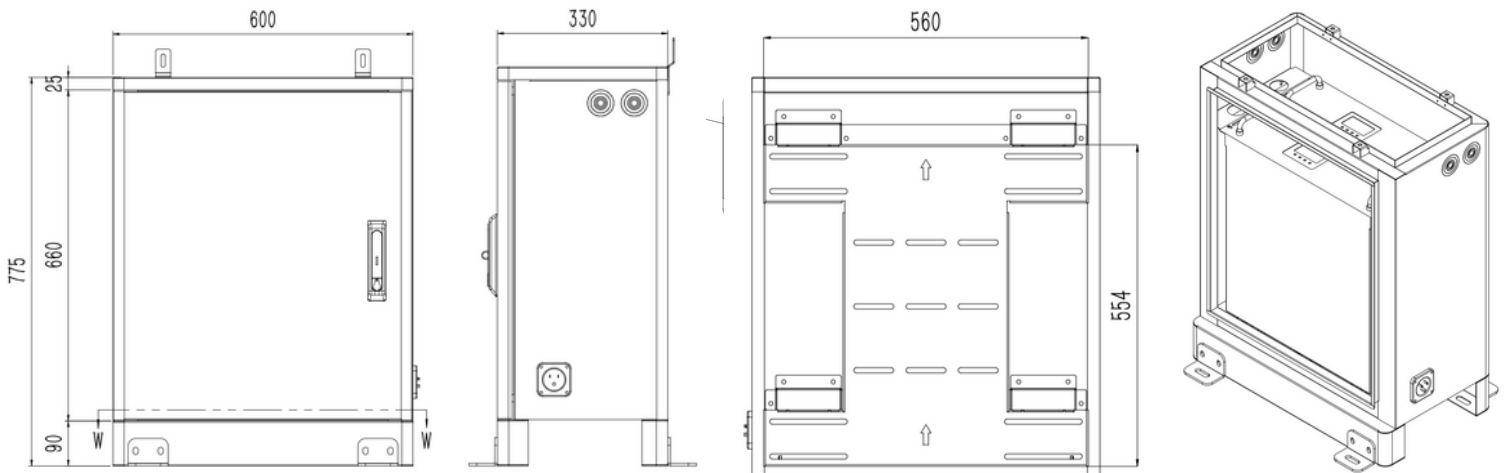
The SRB2 battery cabinet safely secures up to two SR5K-UL battery modules for up to 10 kWh of safe and reliable battery storage. The cabinet is made of galvanized steel with UV protected powder-coated finish for a sleek and durable design. The cabinet can be floor-mounted or wall-mounted and installed indoors or outdoors.



- **EASY INSTALLATION WITH PLUG & PLAY DESIGN**
- **WALL-MOUNT & FLOOR-MOUNT (optional base legs)**
- **IP55 (NEMA 3R) FOR INDOOR & OUTDOOR USE**
- **CONNECT MULTIPLE CABINETS FOR MORE STORAGE**
- **TEMPERATURE CONTROLLED COOLING FANS**
- **BATTERY CABLES INCLUDED**



SRB2 Data Sheet



Cabinet Material

Galvanized Steel

Cabinet Rating

IP55 (NEMA 3R)

Cabinet Color

White

Dimensions (H x W x D)

27 x 23.6 x 13 in (685 x 600 x 330mm)

Weight

64 lbs

Maximum Battery Units

2 SR5K-UL

Storage Capacity Range

5 to 10 kWh

Knockout Size

4x concentric (0.5" to 2")

Battery Cables

1 sets of "+" and "-" #4 Battery Cables

Cooling Method

2 temp-controlled cooling fans (110VAC)

Mount Style

Wall-mount , Floor-mount (optional)

Warranty

10 years

COMPATIBLE BATTERIES:

Batteries not included



StackRack Battery Systems, LLC

1709 Rimpau Ave #107

Corona CA, 92881

(951) 230-8775

support@stackrackbattery.com

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BATTERY SYSTEMS

SRB4 Data Sheet



Modular Battery Systems for Homes & Businesses

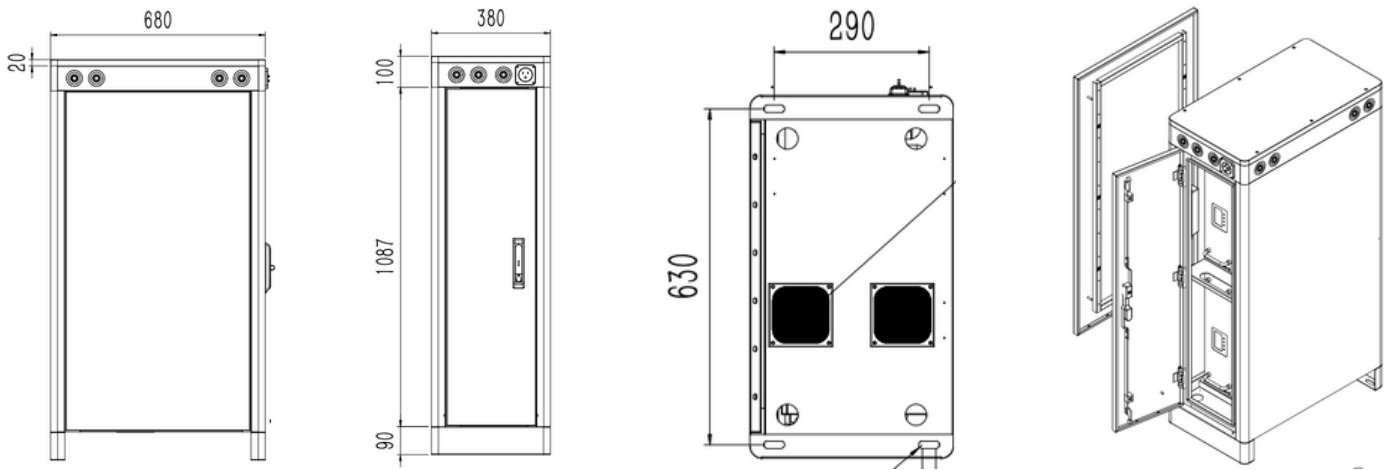
The SRB4 battery cabinet safely secures up to four SR5K-UL battery modules for up to 20 kWh of safe and reliable battery storage. The cabinet is made of galvanized steel with UV protected powder-coated finish for a sleek and durable design. The cabinet can be free-standing or pad mounted and installed indoors or outdoors.



- **EASY INSTALLATION WITH PLUG & PLAY DESIGN**
- **FREE-STANDING OR PAD MOUNT**
- **IP55 (NEMA 3R) FOR INDOOR & OUTDOOR USE**
- **CONNECT MULTIPLE CABINETS FOR MORE STORAGE**
- **TEMPERATURE CONTROLLED COOLING FANS**
- **BATTERY CABLES INCLUDED**



SRB4 Data Sheet



Cabinet Material

Cabinet Rating

Cabinet Color

Dimensions (H x W x D)

Weight

Maximum Battery Units

Storage Capacity Range

Knockout Size

Positive/Negative Battery Busbars

Positive/Negative Inverter Busbars

Battery Cables

Cooling Method

Mount Style

Mount Fixation

Warranty

Galvanized Steel

IP55 (NEMA 3R)

White

50.3 x 26.8 x 15.0 in (1277 x 680 x 380mm)

115 lbs

4 SR5K-UL

5 to 20 kWh

4x concentric (0.5" to 2")

2 x 4 points; M8 (5/16) Terminal Rings

2 points; M10 (3/8) Terminal Rings

2 sets of "+" and "-" #4 Battery Cables

2 temp-controlled cooling fans (110VAC)

Floor-mount, Pad-mount

4x 3/8" concrete lugs

10 years

COMPATIBLE BATTERIES:

Batteries not included



StackRack Battery Systems, LLC

1751 California Ave #101

Corona CA, 92881

(951) 230-8775

support@stackrackbattery.com

September 2023 | Version 2.1

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SRB4 Cable Kit



1x 1/0 AWG Red Cable, 8' length

or size wire based on 215A (full load) @ 2.5% voltage drop based on wire length.



1x 1/0 AWG Black Cable, 8' length

or size wire based on 215A (full load) @ 2.5% voltage drop based on wire length.



4x 4 AWG Red Cable, 5' length



4x 4 AWG Black Cable, 5' length



1x 8 AWG Green Cable, 8' length



2x 8 AWG Green Cable, 4' length



2x 8 AWG Green Cable, 24" length



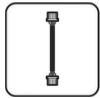
2x 8 AWG Green Cable, 12" length



2x Cat5 Standard Cable, 10'



2x Cat5 Standard Cable 24"



2x Cat5 Standard Cable 12"

Cable quantities listed based on 30 kWh system. Specific cables and quantities may vary based system configuration.



STACKRACK
BATTERY SYSTEMS

SRB6 Data Sheet



Modular Battery Systems for Homes & Businesses

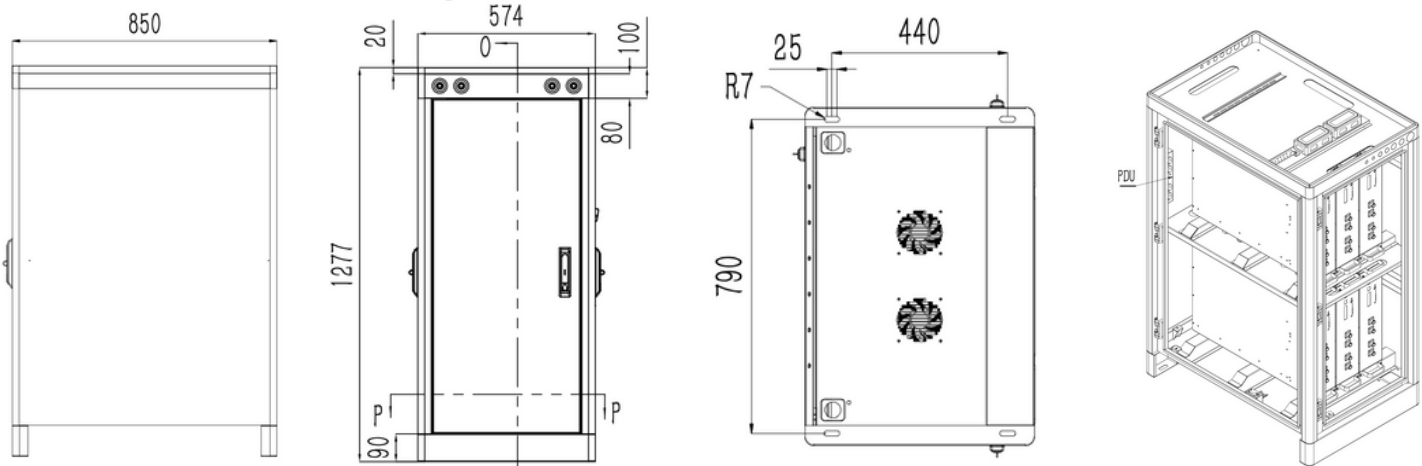
The SRB6 battery cabinet safely secures up to six SR5K-UL battery modules for up to 30 kWh of safe and reliable battery storage. The cabinet is made of galvanized steel with UV protected powder-coated finish for a sleek and durable design. The cabinet can be free-standing or pad mounted and installed indoors or outdoors.



- **EASY INSTALLATION WITH PLUG & PLAY DESIGN**
- **FREE-STANDING OR PAD MOUNT**
- **IP55 (NEMA 3R) FOR INDOOR & OUTDOOR USE**
- **CONNECT MULTIPLE CABINETS FOR MORE STORAGE**
- **TEMPERATURE CONTROLLED COOLING FANS**
- **BATTERY CABLES INCLUDED**



SRB6 Data Sheet



Cabinet Material	Galvanized Steel
Cabinet Rating	IP55 (NEMA 3R)
Cabinet Color	White
Dimensions (H x W x D)	50.3 x 33.5 x 22.6 in (1277 x 850 x 572mm)
Weight	125 lbs
Maximum Battery Units	6 SR5K-UL
Storage Capacity Range	5 to 30 kWh
Knockout Size	8x concentric (0.5" to 2")
Positive/Negative Battery Busbars	2 x 4 points; M8 (5/16) Terminal Rings
Positive/Negative Inverter Busbars	2 points; M10 (3/8) Terminal Rings
Battery Cables	3 sets of "+" and "-" #4 Battery Cables
Cooling Method	2 temp-controlled cooling fans (110VAC)
Mount Style	Floor-mount, Pad-mount
Mount Fixation	4x 3/8" concrete lugs
Warranty	10 years
Certifications	UL1973, UL9540, UL9540A, CEC, SGIP

COMPATIBLE BATTERIES:

Batteries not included





2x 1/0 AWG Red Cable, 8' length

or size wire based on 215A (full load) @ 2.5% voltage drop based on wire length.



2x 1/0 AWG Black Cable, 8' length

or size wire based on 215A (full load) @ 2.5% voltage drop based on wire length.



3x 4 AWG Red Cable, 5' length



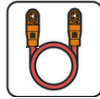
3x 4 AWG Black Cable, 5' length



1x 4 AWG Red Cable, 2' length



1x 4 AWG Black Cable, 2' length



2x 4 AWG Red Cable, 6" length



2x 4 AWG Black Cable, 6" length



1x 8 AWG Green Cable, 8' length



1x 8 AWG Green Cable, 4' length



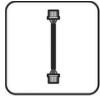
1x 8 AWG Green Cable, 24" length



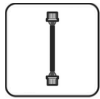
4x 8 AWG Green Cable, 12" length



1x Cat5 Standard Cable, 10'

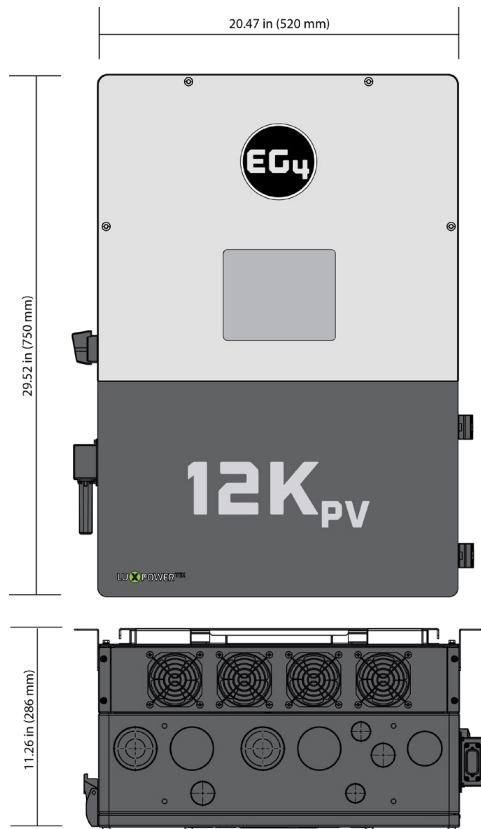


1x Cat5 Standard Cable 24"



4x Cat5 Standard Cable 12"

Cable quantities listed based on 30 kWh system. Specific cables and quantities may vary based system configuration.



EG4[®] 12kPV HYBRID INVERTER

The EG4 12kPV is a 48V split-phase, hybrid inverter/charger capable of utilizing 12kW of PV input and efficiently outputting 8kW of power while also charging your battery bank. Parallel up to 10 units for 80kW of output power and control multiple stations and units using the new EG4 monitoring software.

HIGH
FREQUENCY
SPLIT-PHASE
DESIGN

10-YEAR
WARRANTY

REMOTE
ADJUSTMENT
VIA EG4
SOFTWARE

ALL-IN-ONE HYBRID INVERTER

Capable of running entirely off the grid, using grid electricity, or selling power back to the grid.

UP TO 600VDC INPUT

The extra high voltage enables lower cable sizing for the 2 MPPTs and a maximum recommended PV input of 15kW, eliminating the need for a combiner box.

PLUG IN WI-FI DEVICE

Enables wireless connection between our new monitoring platform and the 12kPV through the EG4 app or EG4 Monitor system.

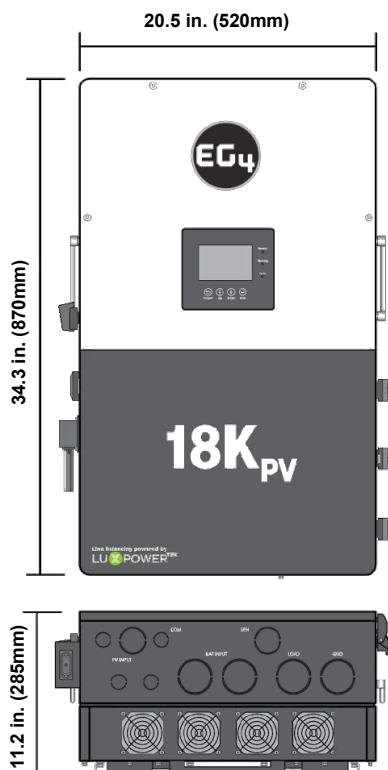
CLOSED-LOOP COMMUNICATIONS

Able to communicate with EG4 48V batteries and other battery brands. A battery firmware update is required for closed-loop communications with LifePower4 batteries.

RAPID SHUT DOWN

The 12kPV is CSA C22.2#330:2017 and NEC 690.12 ready with its built-in RSD capabilities.





EG4[®] 18kPV HYBRID INVERTER

The EG4 18kPV is a 48V split-phase, hybrid inverter/charger capable of utilizing 18kW of PV and efficiently outputting 12kW of power while charging the battery bank. Parallel up to 10 units for 120kW of AC power. Control multiple stations and units using the new EG4 monitoring software.

AC COUPLING
CAPABILITY

REMOTE
ADJUSTMENT VIA
EG4 SOFTWARE

10-YEAR
WARRANTY

ALL-IN-ONE HYBRID INVERTER

Capable of running entirely off the grid, using grid assist, or selling power back to the grid.

UP TO 600VDC INPUT

The extra high voltage enables lower cable sizing for the 3 MPPTs with a recommended maximum PV input of 21kW, eliminating the need for a combiner box.

MOUNTABLE WI-FI DEVICE

Enables wireless connection between our new monitoring platform and the 18kPV through the EG4 app or EG4 Monitor system.

CLOSED-LOOP COMMUNICATIONS

Able to communicate with EG4 48V batteries and other battery brands. A battery firmware update is required for closed-loop communications with LifePower4 batteries.

HIGH FREQUENCY, SPLIT-PHASE OUTPUT

Allows for 120/240V single unit or 120/208 service operation.

TECHNICAL SPECIFICATIONS

AC INPUT DATA	
NOMINAL AC VOLTAGE	120/240VAC; 120/208VAC (L1/L2/N required)
FREQUENCY	50/60Hz
MAX. AC CURRENT	50A @ 240VAC
MAX. AC INPUT POWER	12000W
MAX. AC BYPASS	200A
AC GRID OUTPUT DATA	
MAX. OUTPUT CURRENT	50A
OUTPUT VOLTAGE	120/240VAC; 120/208VAC (L1/L2/N required)
OPERATING VOLTAGE RANGE	180-270VAC
NOMINAL POWER OUTPUT	@240V 12000W @208V 10400W
FREQUENCY	50/60Hz
POWER FACTOR	0.99 @ Full Load
REACTIVE POWER ADJUST RANGE	(-0.8) ≈ (+0.8) Leading Adjustable
MAX CONT. LINE WATTAGE	6000W
PEAK POWER (SURGE CAPACITY)	w/ PV: 14700W (10 min), 15500W (5 min) W/O PV: 13500W (10 min)
THD @FULL LOAD	<5%
TRANSFER TIME	20ms (Default), 10ms (Configurable) Parallel – 20ms
BACKUP/UPS AC OUTPUT DATA	
RATED OUTPUT CURRENT (240/208VAC)	50A
AC BYPASS (GENERATOR)	90A
NOMINAL OUTPUT VOLTAGE	240 120/240 120/208VAC
RATED OUTPUT POWER	@240VAC 12000W @208VAC 10400W
MAX. CONTINUOUS LINE WATTAGE	8000W per 120V
PEAK POWER	w/ PV: 14700W (10 min), 15500W (5 min) w/o PV: 13500W (10 min)
THDV (TOTAL HARMONIC DISTORTION VOLTAGE)	<5%
SWITCHING TIME	10ms
PV INPUT DATA	
NUMBER OF MPPTS	3
INPUTS PER MPPT	2 (MPPT 1) 1 (MPPT 2) 1 (MPPT 3)
MAX. USABLE INPUT CURRENT	25A (MPPT 1) 15A (MPPT 2) 15A (MPPT 3)
MAX. SHORT CIRCUIT INPUT CURRENT	31A (MPPT 1) 19A (MPPT 2) 19A (MPPT 3)
DC INPUT VOLTAGE RANGE	100-600 VDC
UNIT STARTUP VOLTAGE	100 VDC
MPPT OPERATING VOLTAGE RANGE	140-500 VDC
NOMINAL MPPT VOLTAGE	360 VDC
MAXIMUM UTILIZED SOLAR POWER	18000W
RECOMMENDED MAXIMUM SOLAR INPUT	21000W

EFFICIENCY

CEC	96.9%
MAXIMUM EFFICIENCY (PV TO GRID)	97.5%
MAXIMUM EFFICIENCY (BATTERY TO GRID)	94%
MAXIMUM EFFICIENCY (PV TO BATTERY)	99.9%
IDLE CONSUMPTION (NORMAL STANDBY MODE)	~70W ~18W

BATTERY DATA

COMPATIBLE BATTERY TYPES	Lead-acid/Lithium
MAX. CHARGE/DISCHARGE CURRENT	250A
NOMINAL VOLTAGE	48 VDC
VOLTAGE RANGE	40-60 VDC (Lithium); 40-60 VDC (Lead-acid)
RECOMMENDED BATTERY CAPACITY PER INVERTER	>200Ah

GENERAL DATA

MAX. UNITS IN PARALLEL	10
PRODUCT DIMENSIONS (H×W×D)	34.3×20.5×11.2 in (870×520×285mm)
UNIT WEIGHT	121 lbs. (55kg)
DESIGN TOPOLOGY	High Frequency - Transformerless
RELATIVE HUMIDITY	0-100%
OPERATING ALTITUDE	<2000m (<6561ft)
OPERATING AMBIENT TEMPERATURE RANGE	-13°F – 140°F (-25°C – 60°C)
STORAGE AMBIENT TEMPERATURE RANGE	-13°F – 140°F (-25°C – 60°C)
NOISE EMISSION (TYPICAL)	68dB @ 3ft
COMMUNICATION INTERFACE	RS485/Wi-Fi/CAN
STANDARD WARRANTY*	10-year standard warranty
OUTDOOR RATING	NEMA 4X

SAFETY FEATURES

PV Arc Fault Protection, PV Ground Fault Protection, PV Reverse Polarity Protection, Pole Sensitive Leakage Current Monitoring Unit, Surge Protection Device, Integrated PV Disconnect

STANDARDS AND CERTIFICATIONS

UL1741, SA, SB, PCS CRD
RAPID SHUT DOWN (RSD) NEC 2020:690.12
ARC-FAULT CIRCUIT INTERRUPTER (AFCI) NEC 2020:690.11 / UL1699B
GROUND FAULT MONITORING (GFDI) NEC 2020:690.41(B)
CSA 22.2.107.1
CSA 22.2.330
IEEE 1547.1:2020; IEEE 1547:2018
HAWAII RULE 14H
CALIFORNIA RULE 21 PHASE I, II, III
FCC PART 15, CLASS B

*For information regarding warranty registration on EG4® Electronics products, please navigate to <https://eg4electronics.com/warranty/> and select the corresponding product to begin the registration process.

CHANGELOG

Version 1.3.7

- Modified UL1741 Safety Certification to UL1741, SA, SB, PCS CRD

Version 1.3.6

- Modified warranty information

Version 1.3.5

- Updated line 1 of Safety Certifications from UL1741B Rule 21 to UL1741, SA, SB for better clarity.

Version 1.3.4

- Removed extra “Operating Frequency” line item.

Version 1.3.3

- Updated formatting
- Removed Ingress Protection and replaced it with Outdoor Rating.

Version 1.3.2

- Corrected MPPT Operating Voltage Range – changed from 120VDC to 140VDC

Version 1.3.1

- Fixed typos on AC output max. continuous line wattage & max. usable PV current per MPPT

Version 1.3

- Reformatted document to branding standards
- Added CEC efficiency ratings

Version 1.2

- Slight modification of verbiage for readability

TECHNICAL SPECIFICATIONS

AC INPUT DATA

NOMINAL AC VOLTAGE	120/240VAC; 120/208VAC (L1/L2/N required)
FREQUENCY	50/60Hz
MAX. AC INPUT POWER	12000W
MIN. GENERATOR SIZE	>5000W
MAX. GEN GRID PASSTHROUGH CURRENT	80A 80A

AC GRID OUTPUT DATA

MAX. OUTPUT CURRENT	33.3A@240VAC 38.5A @208VAC			
OUTPUT VOLTAGE	120/240VAC; 120/208VAC			
NOMINAL POWER OUTPUT	8000W			
OUTPUT FREQUENCY	50/60Hz			
POWER FACTOR	0.99 @ Full Load			
REACTIVE POWER ADJUST RANGE	±0.8			
MAX CONT. LINE WATTAGE	4000W			
PEAK POWER	0.5 s	1 s	1 min	12 min
	16kW	12kW	10kW	8.8kW
OPERATING FREQUENCY	50/60Hz			
THD (V) @FULL LOAD	<3%			
TRANSFER TIME	Single			Parallel
	20 ms – Default, 10 ms – Selectable			20 ms

PV INPUT DATA

NUMBER OF MPPTS	2
INPUTS PER MPPT	2
MAX. USABLE INPUT CURRENT	25/25A
	25A per MPPT 41.6A in total
MAX. SHORT CIRCUIT INPUT CURRENT	31/31A
DC INPUT VOLTAGE RANGE	100-600 VDC
UNIT STARTUP VOLTAGE	100 VDC
MPPT OPERATING VOLTAGE RANGE	120-500 VDC
NOMINAL MPPT VOLTAGE	360 VDC
MAXIMUM UTILIZED SOLAR POWER	12000W
RECOMMENDED MAXIMUM SOLAR INPUT	15000W

EFFICIENCY

MAXIMUM EFFICIENCY (PV TO GRID)	97.5%
MAXIMUM EFFICIENCY (BATTERY TO GRID)	94%
CEC WEIGHTED EFFICIENCY	96.4%
MAXIMUM EFFICIENCY (PV TO BATTERY)	99.9%
IDLE CONSUMPTION (STANDBY MODE)	<55W

BATTERY DATA

COMPATIBLE BATTERY TYPES	Lead-Acid/Lithium
MAX. CHARGE/DISCHARGE CURRENT	167A @ 48 VDC
NOMINAL VOLTAGE	48 VDC
VOLTAGE RANGE	40-60 VDC (Lithium); 40-60 VDC (Lead-Acid)
RECOMMENDED BATTERY CAPACITY PER INVERTER	>200Ah

GENERAL DATA

MAX. UNITS IN PARALLEL	10
PRODUCT DIMENSIONS (H×W×D)	29.5×20.5×11.2 in (750×520×285 mm)
UNIT WEIGHT	110 lbs. (50 kg)
DESIGN TOPOLOGY	High Frequency - Transformerless
RELATIVE HUMIDITY	0-100%
OPERATING ALTITUDE	<2000m (<6561 ft)
OPERATING AMBIENT TEMPERATURE RANGE	-13°F – 140°F (-25°C – 60°C)
STORAGE AMBIENT TEMPERATURE RANGE	-13°F – 140°F (-25°C – 60°C)
NOISE EMISSION (TYPICAL)	<50 dB @ 3 ft
COMMUNICATION INTERFACE	RS485/Wi-Fi/CAN
STANDARD WARRANTY*	10-year standard warranty
ENCLOSURE RATING	NEMA 4X
SAFETY FEATURES	PV Arc Fault Protection, PV Ground Fault Protection, PV Reverse Polarity Protection, Pole Sensitive Leakage Current Monitoring Unit, Surge Protection Device, integrated PV disconnect

STANDARDS AND CERTIFICATIONS

UL1741 SB

CSA C22.2#107.1:2016

CSA C22.2#330:2017 ED. 1

HECO SRD-IEEE-1547.1:2020 ED. 2

RAPID SHUT DOWN (RSD) NEC 2020:690.12

FCC PART 15, CLASS B

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CHANGELOG

12-30-24

- Removed (Pending) from FCC Part 15 cert

11-15-24

- Published v1.0.2
- Removed IP rating and added NEMA 4X rating
- Modified warranty information