

Outdoor Site



Introduction:

Grid hybrid system implements intelligent alternate working mode of grid power and batteries, maximize the using of grid power to realize “Zero” D.G. running time or remove D.G. .

Features:

- Leading GridMax technology, advanced hybrid battery control technology
- Support the connection of solar power
- Integrated design, plug & play
- Remote energy management by NetEco (optional)



Configuration

AC Input	220VAC (85-300VAC) , 50/60Hz (45-66Hz) , 3-phase & 4-wire	
DC Output	53.5VDC (43.2-58VDC)	
Capacity of Rectifier	Max. 50A x 8	
Cooling for Equipment	Heat exchange	
Cooling for Battery	DC aircon	
Battery Model and Capacity	Single Cabinet	ACB (Advanced Cycle Battery): 50/100Ah. FCB (Fast Charging Battery): 200/300/400Ah
	Double Cabinet	ACB (Advanced Cycle Battery): 50/100/150Ah. FCB (Fast Charging Battery): 200/300/400/500Ah
Power Distribution	LLVD: 125A x 1, 63A x 3. BLVD: 32A x 4, 16A x 2, 10A x 2	

General Specifications

Dimensions	Single Cabinet	770(W) x 1240(D) x 1825(H) mm
	Double Cabinet	1755(W) x 1135(D) x 2110(H) mm
Weight	Single Cabinet	315kg (excluding battery)
	Double Cabinet	500kg (excluding battery)
Spare Space	Single Cabinet	8U (ACB: 100Ah. FCB: 400Ah)
	Double Cabinet	7U (ACB: 150Ah. FCB: 500Ah)

Operating Conditions

Design Lifespan	10 years (excluding battery)	
MTBF	200, 000 hours	
Operating Temperature	-5℃~50℃	
Storage Temperature	-40℃~70℃	
Operating Relative Humidity	5%~95%	
Altitude	0~4000m	
Protection Level	Equipment Cabin	IP55 for heat exchange
	Battery Cabin	IP55 for DC aircon

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