

Technical Data

General Specifications

Rated Output Power	12kW
Normal Capacity	10/15/20/25/30kWh(95%DoD)
Battery Type	Li-ion(LFP)
Cooling Concept	Natural cooling
Noise Emission	≤35dB
Degree of Protection	IP66
Warranty	10 Years

Hybrid Inverter

Rated AC Voltage	220/380, 230/400, 3/N/PE, 3/PE		
Max. Recommended PV Array Power	19.2kW	Rated grid Frequency	50/60Hz
Max. Input Current (Input PV / Input PV2)	2x20A	Backup power	< 20ms
MaxDC Voltage	1100V	Communication	Ethernet/WiFi/4G/Bluetooth
Max. Short Circuit Current	40A	Operating temperature range	-18°C~51°C
No. of MPP Trackers / Strings per MPP Tracker	2/+1	Allowable relative humidity range	5%~95%
MPPT Voltage Range	150~1000V	Net weight	39kg
Max. Charge / Discharge Power	12kW	Dimension (W x H x D)	750x235x450mm

Protection	Battery soft -start protection
	DC Reverse polarity protection
	Anti-Islanding protection
	Surge protection
	AC overcurrent protection
	AC overvoltage protection

Battery per Pack

Nominal Capacity	5kWh	Dimension (W x H x D)	750x235x360mm
Usable Energy	4.75kWh	Weight	54kg
Depth of Discharge	95%	System battery quantity	2~6
Nominal Voltage	102.4V	Storage temperature	-20°C~35°C
Max. Charge Current	25A	Operating temperature range	-18°C~51°C
Max. Discharge Current	40A	Charging temperature	-18°C~51°C
Cycle Life	8000	Installation	Floor mounted



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