

Energy Storage Systems

All-in-One Solutions integrate Li-Ion batteries , BMS(Battery Management Systems), AC chargers , MPPT Photovoltaic (PV) charger, DC- AC inverters and System Control.



Front View



Rear View



AC socket(s) Varies with country



Top-Side Control Panel

FEATURES

1. Easy Installation & Maintenance.
2. Long Battery Life Cycles.
3. High Power Conversion Efficiency.

APPLICATIONS

1. Solar PV Self-Consumption System.
2. Home/Office Energy Storage Systems. with Renewable Energies.
3. Building Back-up power.

Specification		
Model Name	Systems 100	Systems 200
System Battery Capacity	10.2kWh	
System AC Output	220/230V, 50Hz, 2.3 kVA x 2	100/120V, 50Hz, 2.2kVA x 2
Battery Pack	Cell type	LiFePO4
	Nominal Pack Voltage	51.2VDC
	Pack Capacity	3.4kWh
	Life Cycle	2,000 times
	Protections	OVP, UVP, OCP, SCP, OTP, UTP
AC Charger	Input Voltage	220-240VAC, 50-60Hz
	PF	0.99
	Charging Mode	CC-CV
	Efficiency	94%(@full power, 220VAC)
	Protections	OTP, OVP, OCP, SCP
	AC Charger Power	2.4kW
PV Charger	Input Voltage	60-200VDC
	Charging Mode	MPPT
	Efficiency	97%(@full power, 112VDC)
	Protections	OTP, OVP, OCP, SCP, Input UVP
	PV Charger Power	2.4kW
D-A Inverter	Input Voltage	40-60VDC
	Rated Output Power	2.3kVA
	Output Waveform	Pure Sine Wave
	THD	≤ 4%
	Efficiency	92%(@50% power, 51VDC)
	Output Regulation	± 2%
	Protections	OTP, OVP, OCP, SCP, UVP (Input)
System	Operating Temperature	0-40°C
	User Interface	LCD Touch Panel
	Main Body Dimensions	975 x 586 x 650 (HxWxD, mm)
	Dimensions With Wheels & Connector Extrusion	1,081 x 586 x 691 (HxWxD, mm)
	Weight	160kg