E-AblePower
Technology

All-in-One Energy Storage Lithium System

BMS protection

Home energy storage

Intelligent communication



System parameters

Model	51.2v 200ah+6.5kw	51.2v 342ah+6.5kw	51.2v 600ah+6.5kw
AC Input			
Rated Input Voltage (VAC)	208/220/230/240;L+N+PE		
Voltage Range (VAC)	90~280±3 (normal mode);170~280±3 (UPS mode)		
Frequency (Hz)	50 / 60 (Auto Adaptive)		
Ac Output			
Rated Capacity (kW)	6.5		
Surge Power (kVA)	12		
Voltage (VAC)	220/230/240VAC±5%		
Power Factor (PF)	1		
Frequency	50/60Hz±0.1%		
Switch Time (ms)	Computer equipment 10ms, household appliances 20ms		
Wave Form	Pure Sine Wave		
Charger (PV/AC)			
Solar Charger Type	MPPT		
Max PV Input Current / Power	27A/9000W		
MPPT Range@Operating Voltage (VDC)	60-450		
Max PV Open Circuit Voltage (VDC)	500		
Max. Charge Current (PV) (A)	120		
Max. Charge Current (AC) (A)	120		
Max. Charge Current (PV+AC) (A)	120		
Battery			
Standard voltage	51.2V	51.2V	51.2V
Standard capacity	200Ah	342Ah	600Ah
Rated capacity	10.24kWh	17.5kWh	30.7kWh
Battery Type	LiFePO4 Battery		
Suggested DOD	80%		
Cycle life	>6000 cycles		
Communication	RSRS232 / CAN / RS485 / WIFI / BT		
Display	LCD color screen / LCD touch screen (optional)		
Product size (mm)	87.4	126.2	234.2
Package size (mm)	109.2	145.9	258
NW. (kg)	750*650*215	860*550*270	790*530*530
GW. (kg)	940*630*460	920*620*450	975*630*730
Basic parameters			
Communication interface	Rs232/ RS485 /CAN		
Product size (mm)	410*336*110mm		
NW. (kg)	8.4		
Warranty	1 year(inverter), 5 years(battery)		

System parameters

Model	51.2v 342ah+12kw	51.2v 600ah+12kw
AC Input		
Rated Input Voltage (VAC)	208/220/230/240;L+N+PE	
Voltage Range (VAC)	90~280±3 (normal mode);170~280±3 (UPS mode)	
Frequency (Hz)	50 / 60 (Auto Adaptive)	
Ac Output		
Rated Capacity (kW)	12	
Surge Power (kVA)	24	
Voltage (VAC)	220/230/240VAC±5%	
Power Factor (PF)	1	
Frequency	50/60Hz±0.1%	
Switch Time (ms)	Computer equipment 10ms, household appliances 20ms	
Wave Form	Pure Sine Wave	
Charger (PV/AC)		
Solar Charger Type	MPPT	
Max PV Input Current / Power	Using One MPPT: 27A/9KW;Using Two MPPTs: 22.5A/Per MPPT, 15kW/Total	
MPPT Range@Operating Voltage (VDC)	60-450	
Max PV Open Circuit Voltage (VDC)	500	
Max. Charge Current (PV) (A)	160	
Max. Charge Current (AC) (A)	160	
Max. Charge Current (PV+AC) (A)	160	
Battery		
Standard voltage	51.2V	51.2V
Standard capacity	342Ah	600Ah
Rated capacity	17.5kWh	30.7kWh
Battery Type	LiFePO4 Battery	
Suggested DOD	80%	
Cycle life	>6000 cycles	
Communication	RSRS232 / CAN / RS485 / WIFI / BT	
Display	LCD color screen / LCD touch screen (optional)	
Product size (mm)	126.2	234.2
Package size（mm）	145.9	258
NW. (kg)	860*550*270	790*530*530
GW. (kg)	920*620*450	975*630*730
Basic parameters		
Communication interface	Rs232/ RS485 /CAN	
Product size (mm)	495*425*120	
NW. (kg)	15	
Warranty	1 year(inverter), 5 years(battery)	