

Features

- 01 Module design,
- 02 Support parallel connecting for different energy requirement
- 03 Self design BMS, safe and reliable
- 04 Compatible with most brand of inverters
- 05 Built-in inverter
- 06 Remote monitor and update via app



UN38.3

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System parameter

Battery parameter						
Model	PS-5KWH-LV	PS-10KWH-LV	PS-15KWH-LV	PS-20KWH-LV	PS-25KWH-LV	PS-30KWH-LV
Usable energy	5	10	15	20	25	30
Size L*W*H	570*400*390	570*400*550	570*400*710	570*400*870	570*400*1030	570*400*1190
Rated voltage	51.2					
Rated discharge rate	0.5C					
DoD	90%	90%	90%	90%	90%	90%
Cycle(25°C 80% SOC)	6000 times					
Communication	RS485/CAN/RS232					
Weight(kg)	70	120	170	220	270	320
Certification	CELL:UL1973,UL9540,IEC62619,IEC62133,CE/MODULE:UL1973,IEC62619,UN38.3,CE/EMC61000,MSDS					
Inverter parameter						
AC mode	110/120/220/230Vac					
Input voltage range	(90Vac-140Vac)±2%					
Frequency	50Hz-60Hz (Automatic detection)					
Frequency range	47±0.3Hz~55±0.3Hz(50Hz)/57±0.3Hz~65±0.3Hz(60Hz);					
Efficiency	> 95%					
Conversion time	10ms typical					
AC backflow protection	Yes					
Maximum bypass overload current	63A					
AC Charging						
Max charge current	40A					
Charging voltage range	40-60Vdc					
Circuit breaker	63A					
PV charging						
Max PV open circuit voltage	500Vdc					
PV working voltage range	120-500Vdc					
MPPT voltage range	120-450Vdc					
Battery voltage range	40-60Vdc					
Max output power	5000W					
PV charging current range	0-80A					

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