Elink Technology

AP B Series

Module design for quick installation
Advanced inverter with pure sine wave
Multi-protection from self developed BMS
Brand new battery for 6000 times cycle life

Elink Technology

Inverter

Model	ELKJN-SCAPB51100	ELKJN-SCAPB51200	ELKJN-SCAPB51300	ELKJN-SCAPB51400
Rated Power	5KW			
AC Rated Voltage	230VAC			
Rated Frequency	50Hz			
Efficiency	>94%			
Transfer Time	10ms			
Waveform	Pure sinusoidal wave			
Battery Overvoltage	58.4V			
Battery Undervoltage Alarm	45V			
Constant Voltage Charge	58.4V			
Float Voltage	56V			
Max Charging Current	100A			
Communication Interface	RS232 (Inverter)/RS485 (BMS)			
Dimension	60*18.3*36.5CM			

AC Input

Nominal Voltage	230VAC
Voltage Range	90-280VAC
Rated Frequency	50Hz
Frequency Range	40-70Hz
Rated Current	30A
Max AC Current	60A

PV Input

Max Voltage	500V
Optimum Voltage	300--400V
Voltage Range	120V--500VDC
Max Power	5500W

Battery

Rated Capacity	5120Wh(100Ah)	10240Wh(200Ah)	15360Wh(300Ah)	20480Wh(400Ah)
Nominal Voltage	51.2V			
Discharge Voltage Range	43.2V-58.4V			
Standard Charing Current	50A			
Max Charging Current	100A			
Max Discharging Current	100A			
Depth of Discharge	90%			
Communication Interface	CAN/RS485			
Cycle Life	≥6000, 25±2℃, 0.5C, EOL80%			
Working Temperature Range	Charge: 0℃ -50℃; Discharge: -10℃ -60℃			
Storage Temperature	-20℃ -60℃			
Dimension	60*18.3*39CM			

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