Elink Technology

AP A 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	ELKJNAPA51100	ELKJNAPA51200	ELKJNAPA51300	ELKJNAPA51400	ELKJNAPA51500	ELKJNAPA51600
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*40.5*18cm					

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)	25600Wh (500Ah)	30720Wh (600Ah)
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*40.5*19.5cm					

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