

# AP C Series

Super Cost-effective  
 Module design for quick installation  
 Multi-protection from self developed BMS  
 Brand new battery for 6000 times cycle life



Inverter

Model	ELKJNAPC51300(5kw)	ELKJNAPC51300(10kw)	ELKJNAPC51600(10kw)
Rated Power	5KW	10KW	10KW
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	70*26*51CM		



AC Input

Nominal Voltage	230VAC		
Voltage Range	90-280VAC		
Rated Frequency	50Hz		
Frequency Range	40-70Hz		
Rated Current	30A	60A	60A
Max AC Current	60A	120A	120A



PV Input

Max Voltage	500V		
Optimum Voltage	300--400V		
Voltage Range	120V--500VDC		
Max Power	5500W	11000W	11000W



Battery

Rated Capacity	15360Wh(300Ah)	15360Wh(300Ah)	30720Wh(600Ah)
Nominal Voltage	51.2V		
Discharge Voltage Range	43.2V-58.4V		
Standard Charging Current	100A		
Max Charging Current	200A		
Max Discharging Current	200A		
Depth of Discharge	90%		
Communication Interface	CAN/RS485		
Cycle Life	≥6000, 25±2°C, 0.5C, EOL80%		
Working Temperature Range	Charge: 0°C -50°C; Discharge: -10°C -60°C		
Storage Temperature	-20°C -60°C		
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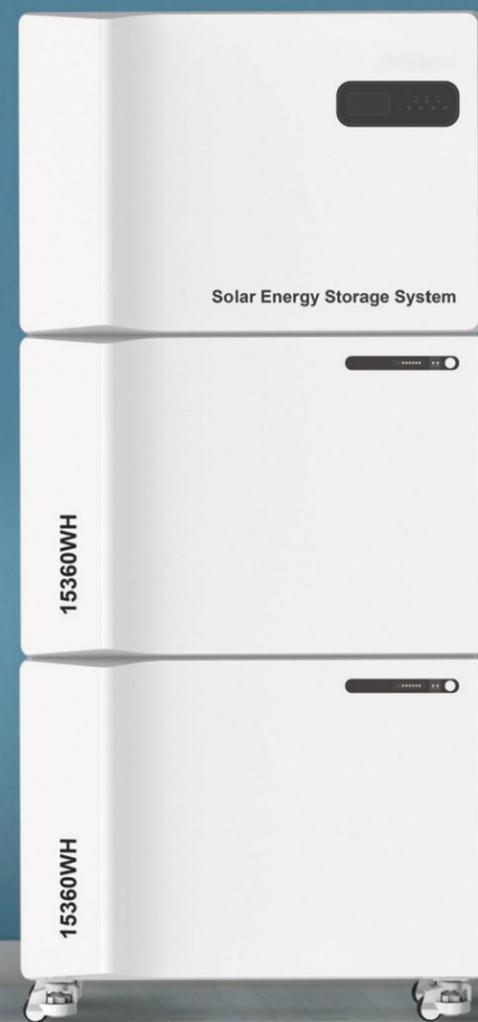


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