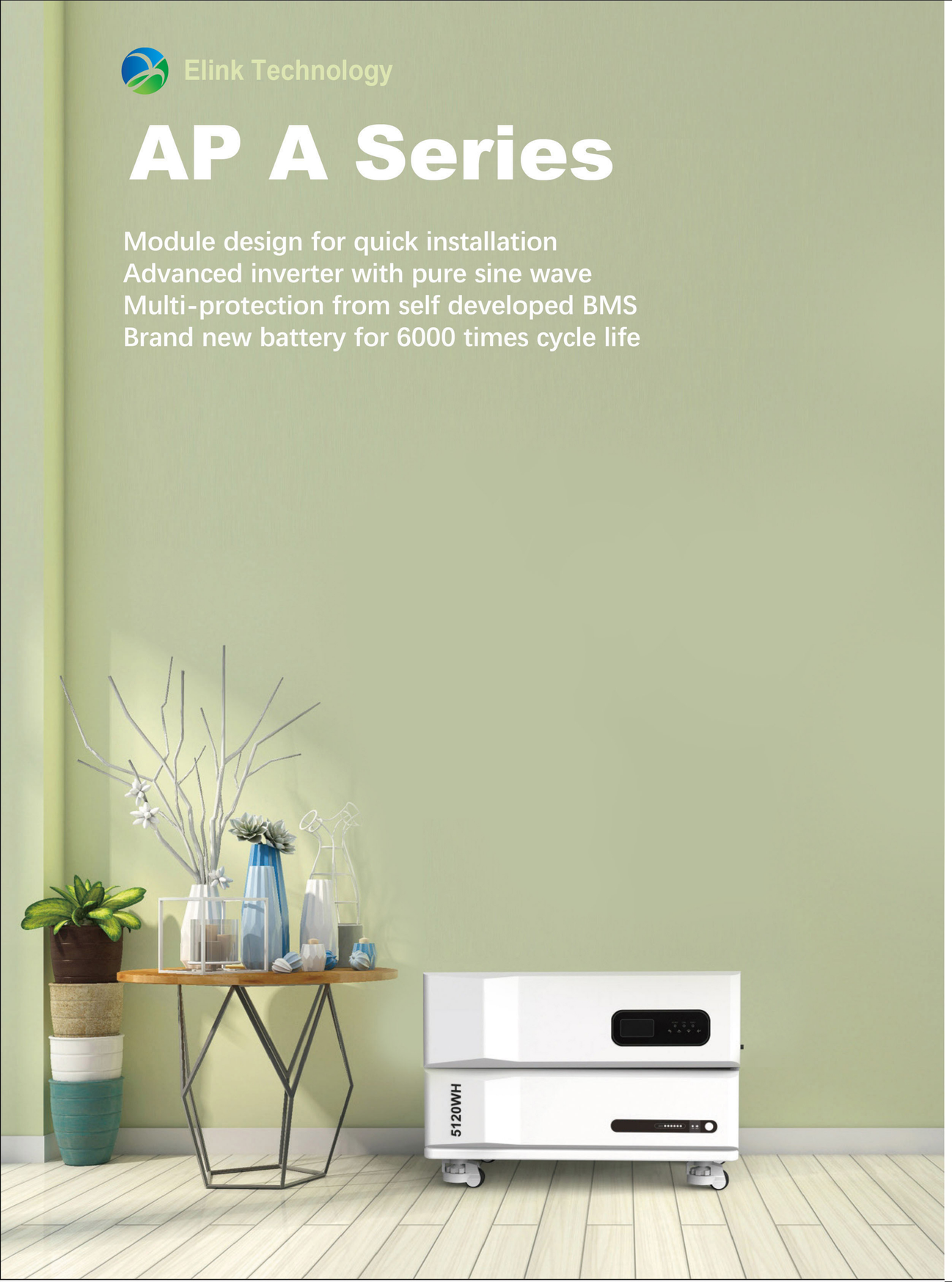
Elink Technology

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



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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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