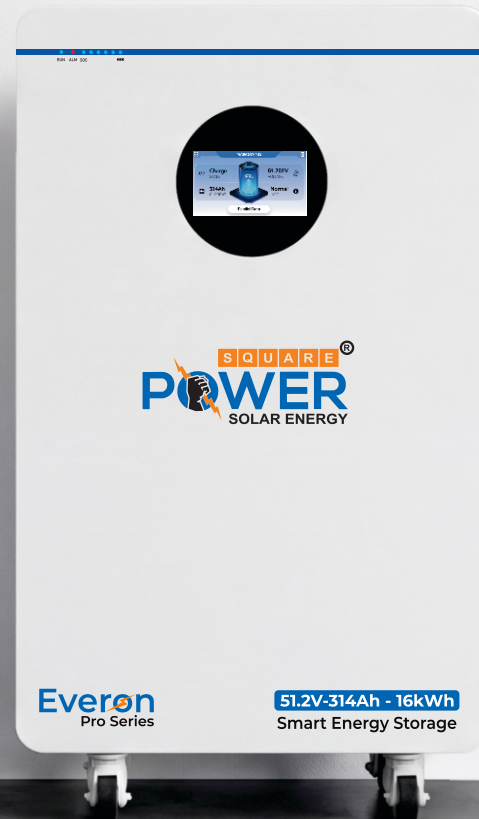
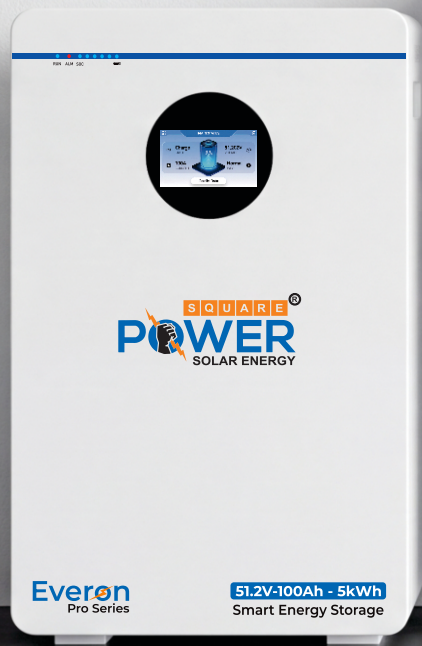


Low Voltage

Smart Energy Storage



51.2V - 100Ah - 5kWh

Wall Mounted Version

51.2V - 314Ah - 16kWh

Floor Stand Version



One - Touch Parallel
Scaling



Smart BMS
Communication



Remote App Control
& Updates



Auto Aerosol Fire Extinguisher
Ultimate Safety Protection



Mainstream Inverter
Compatibility

Datasheet :

Model	PS (EP) 100Ah	PS (EP) 314Ah
Performance		
Cell technology	LFP (LiFePO ₄)	
Battery usable energy [1]	5 kWh	16 kWh
Nominal capacity	100 Ah	314 Ah
Nominal voltage	51.2V	
Operating voltage	44.8 ~ 56.16 V	
Max. charge and discharge current [2]	100 A	200 A
Recommended Depth of Discharge	90%	
Communication		
Display	SOC status indicator, LED indicator, LCD display (Optional)	
Communication	CAN / Rs485 / Rs232 / Wi-Fi	
General Specification		
Dimension (W×D×H)	390x160x643 mm	485x245x785 mm
	15.35x6.3x25.31 inch	19.1x9.6x30.91 inch
Weight	47 kg (103.6 lbs)	122 kg (265.96 lbs)
Installation	Wall mounted or Floor Stand	
Operating temperature [3]	Charge: 0 to 50°C (32 to 122F°) Discharge: - 15 to 50°C (5 to 122°F)	
Environmental humidity	≤95%RH (No condensation)	
Ingress protection rating	IP20	
Warranty Period [4]	5 years	
Scalability	Max. 15 batteries in parallel	
Application	ON Grid / ON Grid + Backup / OFF grid	
Compatible inverters	Refer to compatible inverter list (Compatible with major PCS brands)	
Standard Compliance		
Compliance	UN 38.3 / IEC62619 / IEC61000 (More available upon request)	

[1] Test conditions: 100% depth of discharge (DOD), 0.2C rate charge & discharge at 25°C.

[2] PS(EP)100Ah (5kWh) : 1C charge / 1C discharge configuration (factory default).

[3] PS(EP)314 Ah (16kWh) : 0.5C charge / 0.67C discharge configuration (factory default).

[4] Charge/discharge derating occurs when the temperature is below 0°C or above 45°C.

[5] Please refer to the Warranty Letter for applicable conditions.

Battery Compatible Inverter List:

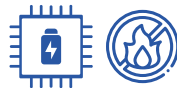
Designed to work seamlessly with specific models from leading global inverter brands.



Low Voltage



One-Touch Parallel
Scaling



Smart BMS & Aerosol
Fire Safety



Remote App Contro.
& Updates



Auto acrosol fire extinguishing
Ultimate security defenses



Mainstream Inverter
Compatibility

DATASHEET

Model		PS-EP300
Performance		
Cell technology	LFP (LiFePO ₄)	
Battery usable energy [1]	15.36 kWh	
Nominal capacity	300 Ah	
Nominal voltage	51.2 V	
Operating voltage	44.8 ~ 56.16 V	
Max. charge and discharge current [2]	200 A	
Recommend Depth of Discharge	90%	
Communication		
Display	SOC status indicator, LED indicator	
Communication	CAN / RS485 / RS232 / Wi-Fi	
General Specification		
Dimension (W×D×H)	485×245×785 mm	
	19.1×9.6×30.91 inch	
Weight	122 kg (265.96 lbs)	
Installation	Floor stand or Wall mounted	
Operating temperature [3]	Charge: 0 to 50°C (32 to 122°F) Discharge: -15 to 50°C (5 to 122°F)	
Environmental humidity	≤ 95%RH (No condensation)	
Ingress protection rating	IP20	
Warranty Period [4]	5 years	
Scalability	Max. 15 batteries in parallel	
Application	ON Grid / ON Grid + Backup / OFF grid	
Compatible inverters	Refer to compatible inverter list	
Standard Compliance		
Compliance	UN38.3 / IEC62619/ IEC61000 (More available upon request)	

[1] Test conditions: 100% depth of discharge (DOD), 0.2C rate charge & discharge at 25°C.

[2] There is 0.5C charge to 0.67 discharge configurations optional in factory default.

[3] Charge/discharge derating occurs when the temperature is below 0°C or above 45°C.

[4] Please refer to the Warranty Letter for applicable conditions.

Battery Compatible Inverter List:

Designed to work seamlessly with specific models from leading global inverter brands.

