

Parasol Elite Power

Protect | People | Property | Environment



LIFEPO4 BATTERY

PEP3-10kW

51.2V 212AH

LIFEPO4 BATTERY

PEP3-10kW

51.2V 212AH

PEP3-10kW provides wall mounted, safe, reliable power for home or office during a power outage. Seamless and continuous power is automatically provided in 5 milliseconds. Multiple wall units can be connected for up to 30 kW of power. Works with or without existing solar.

PEP3-10kW comes with Parasol Elite Power's efficient 8kW hybrid inverter and *standard installation included in the price.



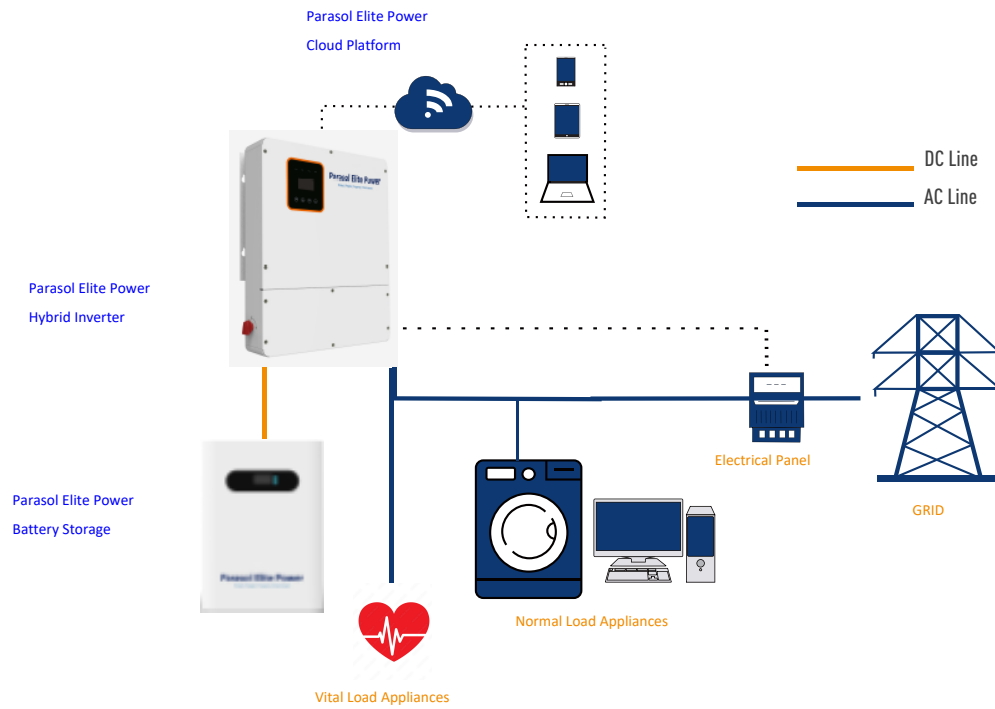
*Standard installation includes mounting brackets and 2 hours labor.

Contemporary design, light weight, small footprint

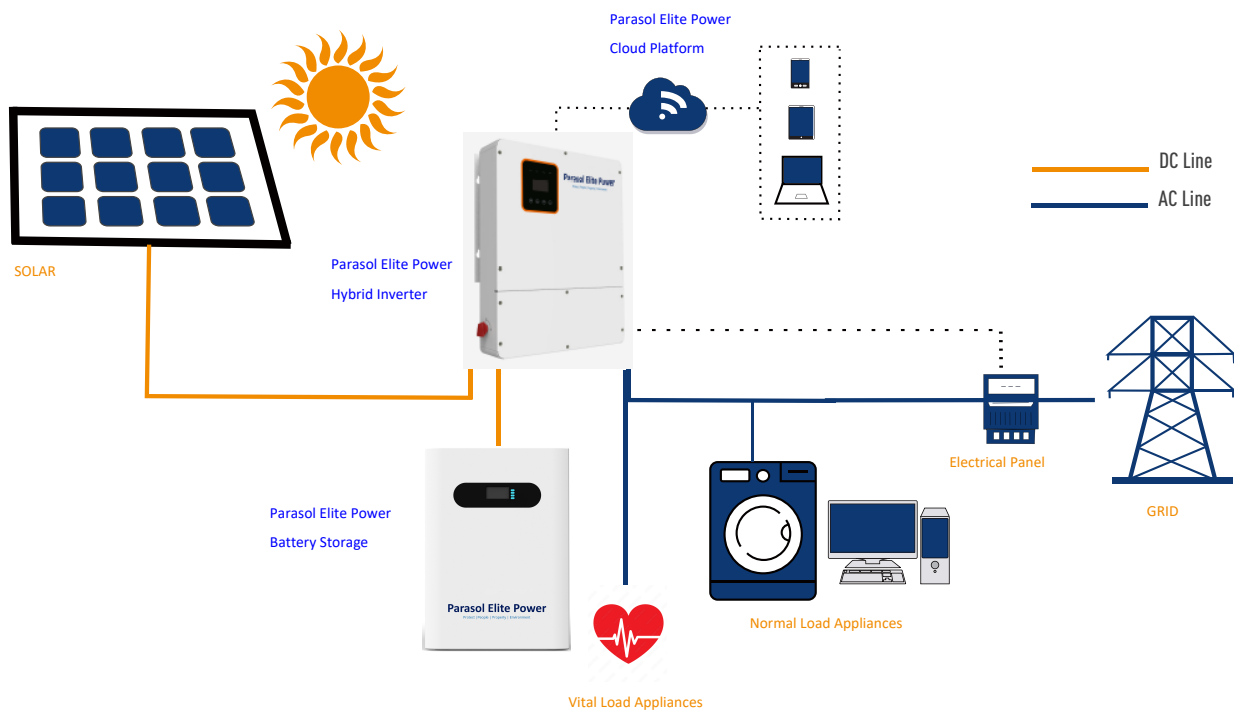
10 year performance guaranty

Flexible Battery Management System provides remote monitoring and configuration

System Architecture without Solar



System Architecture with Solar



NORMAL

Model	PEP 3-10kW
Battery Type	LiFePO4(LFP)
Nominal Voltage(V)	51.2V
Nominal Capacity(WH)	10854.4WH
Usable Capacity(WH)	9768.96WH
Design Life	10+ Years (25°C/77F)
Physical	
Dimension(inches)	25.5*30.9*6.4
Weight(lbs)	216

ELECTRICAL

Cycle Life	>6000. 25°C
Discharge Voltage(V)	40 - 48
Charge Voltage(V)	56 - 58.4
Charge/Discharge Current(A)	50A (Recommended) 100A(Max)
Internal Resistance	≤30mΩ

BMS

Power Consumption	<2W (Work) < 100mW(Sleep)
Monitoring Parameters	System voltage, current, cell voltage,cell temperature, module temperature
SOC	Intelligent algorithm
Communication	CAN/RS-485/RS-232

OPERATION

Operating Temperature Range	-10℃ - 50℃
Transport or Storage Temperate Range	-20℃ - 45℃
Humidity	15% - 85% (No Condensing)

WARRANTY

Product Warranty	10 Years
Performance Warranty	10 Years