

# PORTABLE ENERGY STORAGE SYSTEM

With/Without Screen, 25.6V Portable LiFePO4 Battery



**Grade A**  
Brand New Battery Cell



**6000Cycles**  
25°C @80% DOD



**IP20**  
Water&Dust Protection



**Portable Handle**  
For easy movement



**Fire Protection**  
Default Built-in



**3 Years Warranty**  
Long Designed Spanlife

MODEL	P200	P500
<b>Produce Parameters</b>		
Battery Material	LiFePO4	
Rated Capacity	1004.8KWh	
Single Cell Capacity	314AH	
Cycle Life(25°/0.5C)	6000 cycles (@25°C, 100% DOD,0.5P, @80% SOH)	
Rated Power	200W	500W
Mains Input Voltage	176 - 264 [VAC]@Typical Value	
Mains Input Frequency Range	50/60Hz@Typical Value	
Mains Charging Power	200W	
AC Output Voltage	176 - 230 [VAC]@Typical Value (Bypass Mode)/	
Operating Frequency	230 [VAC]@Typical Value (Inversion Mode)	
PV (Photovoltaic) Input Voltage	50Hz@Typical Value	
Maximum PV Input Current	12 - 36 [VDC] / 200W max	
Warranty Period	10A	
Maximum PV Input Power	200W	
AC Socket	National Standard/Universal	
Battery Indicator Light	5LEDs	
Warranty Period	3 Years	
Protection Mechanism	Over Charge&Discharge/Over&Under Voltage/Over Current/High&Low Temperature/Overload/ Short Circuit protection/Fault Alarm	
<b>Size&amp;Weight</b>		
Weight	10KG	10.6KG
Dimensions	320*212*168	320*212*168
<b>Temperature Parameters</b>		
Operating Temperature	Charging: 0°C - 40°C / Discharging: -20°C - 40°C	
Storage Temperature	-20°C to 70°C	
<b>Certification &amp; Safety</b>		
Safety Certification	UL1973/CE/IEC62619	
Transportation Safety Certification	UN38.3, MSDS	