

Mobile Hybrid Energy Storage



Basic Properties	PHBRT-100	PHBRT-W-100	PHBRT-W-200	PHBRT-W-300
Battery Type	LiFePO ₄ - Prismatic			
Used Battery Rack	PBH-512100			
of Battery Racks	2		4	6
Nominal Voltage	512V			768V
Nominal Output Voltage	400 Vac			
Nominal Energy Capacity	102.4kWh		204.8 kWh	307.2 kWh
Operating Voltage Range	440V-568V			660V-852V
Max. Charge Voltage	568V			852V
Cycle Life (*)	≥4000 cycles			
Normal Operating Temperature	25°C			
Operational Temperature	-15~40°C			
Storage Temperature (**)	-10~60°C			
Residual Capacity Loss	≤ 4% (25°C)			
Functional Properties				
Communication	RS485, Ethernet, CAN Bus			
Cooling	Air Cooling			
BMS Protections	UV,OV,OC,UT,OT,SC			
LED Indicators	Alarm, Run, SOC			
Circuit Breaker	Integrated to Master BMS of Each Cluster			
Diesel Generator (Optional)	16 kVA			
PV Module Power	545			
PV Module Quantity	16			
Total PV Module Power	8.72 kWp			
Wind Power	-	2 kW- 5kW		
Hybrid Inverter Power	2 kW- 5kW		100 kW	
Physical Properties				
Protection Level	IP54			
Open & Close Dimensions {WxDxH}	6058×2438×2896 mm // 6058×15000×2896 mm			

(*) Test Conditions: 25°C

(**) Performance may vary in different conditions