PTT solar
Power tomorrow, Today



MOVABLE ENERGY STORAGE POWERSTATION

PMLA0302P / 0303P / 0505P / 0507P

IP65 Protection Level
• It features a multi-structure waterproof design that truly reaches the IP65 protection rating.

Super Silent Design
• Minimizing noise generation and transmission while maintaining functionality and aesthetics.

Hidden Handle Design
• Hidden handle design, appearance is more beautiful, more convenient to move.

Exclusive Touch Screen
• Exclusive touch screen for easier operation, It provides users with intuitive and convenient control methods.

Parallel Connection
• Supports parallel connection, maximum power will be 45kW.

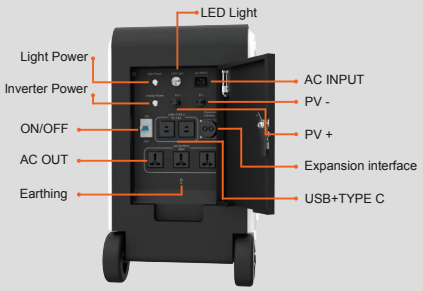
Expandable capacity
• The battery capacity can be expanded externally, up to 80kWh.

PMLA0302P



PMLA0505P





MODEL	PMLA0302P	PMLA0303P	PMLA0505P	PMLA0507P
AC INPUT				
Rated Voltage	220/230/240 Va.c.,L+N+PE			
Rated Frequency	50 Hz/60 Hz			
Current(Maximum Continuous)	20A.AC		40A.AC	
INVERTER OUTPUT				
Rated Power	3.6kVA		5.5kVA	
Rated Voltage	220/230/240Va.c.,L+N+PE			
Wave Form	Pure Sine Wave			
Vac Output	3 pin AC multi-function socket			
DC USB/Type C Output	Each 2 port			
Inverter Efficiency (Peak)	>92%		>94%	
Current(Maximum Continuous)	15.6A.AC		22.7A.AC	
Maximum Output Overcurrent Protection	102%～110% 1min / 110%～130% 10s / 130%～150% 3s / 150% 0.2s			
BATTERY				
Battery Type	LiFePO4			
Energy Capacity	2560Wh	3456Wh	5120Wh	6912Wh
Rated Battery Voltage	25.6V.DC		51.2V.DC	
Max.Charge Current	100A.DC		80A.DC	
PV INPUT				
No.of MPPT Tracker /Strings	1/1			
Max.PV Array Power	5 kW		6 kW	
Max.DC Voltage	500Vdc			
MPPT Voltage Range	40～450V.DC		120～430V.DC	
Start-up Voltage	60V.DC		120V.DC	
MPPT Maximum Charge Current	100A.DC		80A.DC	
Max.Input Current	18 A.DC			
PV Interface Type	MC4			
GENERAL PARAMETER				
Storage Temperature	-10℃~+60℃			
Operating Temperature	-10℃~+50℃			
Cycle Life	≥6000 Cycles @25℃,0.5C,90%DOD			
Humidity	5%~95%(Non-condensing)			
Operating Altitude	4000m(>1000m Derating)			
Noise	<50 dB			
IP Grade	IP65			
Other Protection	Overload,Over temperature,Short circuit			
Trans Portation1	UN38.3,MSDS			
Machine Dimensions (L*W*H)	641.5*360*586 mm		711.5*360*636 mm	
Machine Weight/N.W.	40kg		65kg	
Display	LCD Touchscreen			
Interface	WiFi			
STANDARD				
Stardard	GB/T 34120-2017 GB/T 34133-2017 EN62477, EN / IEC61000			

Product specifications are subject to change without further notice.

Testing conditions are based on temperature 25°C at the beginning of life.