PTT solar
Power tomorrow, Today



MOBILE POWERSTATION

PMLA0302E / 0303E / 0505E / 0507E

Move Easily
• Trailer design, allowing for easy towing and quick access to the intended location.

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

Long Cycle Life
• The battery adopts lithium iron phosphate battery, which has excellent long cycle life.

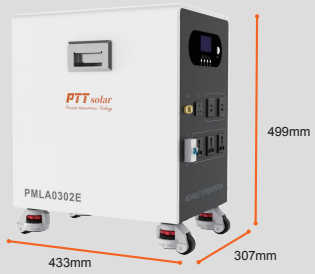
Smart BMS
• The battery adopts lithium iron phosphate battery, which has excellent long cycle life.

Ultra Safety
• Advanced battery management system for safe and efficient operation.

High Charge &Discharge Rate
• The product has high efficiency, high speed and stable performance during charging and discharging.

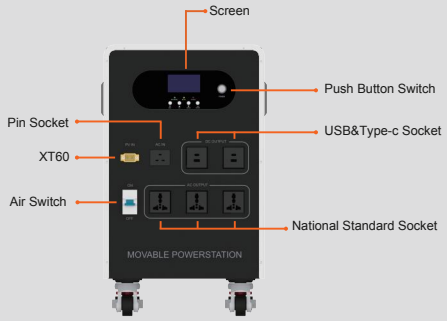
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PMLA0302E



PMLA0505E





MODEL	PMLA0302E	PMLA0303E	PMLA0505E	PMLA0507E
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	XT60			
GENERAL PARAMETER				
Storage Temperature	-10℃~+60℃			
Operating Temperature	-10℃~+50℃			
Cycle Life	≥4000 Cycles @25℃,0.5C,90%DOD			
Humidity	5%~95%(Non-condensing)			
Operating Altitude	4000m(>1000m Derating)			
Noise	<50 dB			
Other Protection	Overload,Over temperature,Short circuit			
Trans Portation1	UN38.3,MSDS			
Machine Dimensions (W*D*H)	433*307*499 mm		493*384*522 mm	
Machine Weight/N.W.	35kgs		55kgs	
Display	LCD Button Screen			
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.