Mobile Energy Storage Generator-TG-MA5.12

The 5KW/5kWh mobile energy storage trolley integrates energy storage batteries and hybrid inverters, which is equivalent to a small mobile power station; as a distributed energy storage power source.





Large capacity
5120Wh
Ultra-long battery life

Ultra-high power
5000W (Peak5500W)
Covers 99% of power tools

Safe and durable
A-grade lithium iron phosphate battery
6000 cycles

Replacement Oiler
Fearless of noise
Avoid oil and gas

Ultra-fast direct charging
Maximum 2500W
Charge 2-3 degrees in 1 hour(90%SOC)

Mobile Convenience
Large rubber wheels, adapt to complex floors
Simple pull handle, easy to drag, easy to put away

All in One Design
PCS+Battery+DC

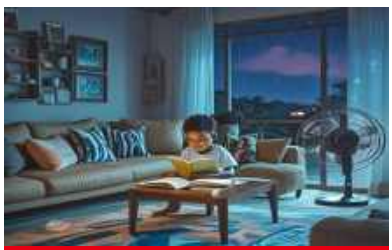
Long cycle life
6000 Times

Intelligent battery management system

Internal use of $LiFePO_4$ battery

The battery remains safe under extreme safety tests.


Chainsaws


Residential Storage


Emergency relief


Welding machine


Building site


Remote electricity use

TG-MA5.12	Specification
Grid output Parameters (AC)	
Rated AC output power	5kW
Rated Energy	5.12kWh
THDI	<3%
Rated grid voltage/Grid voltage range	230Vac/176-270Vac
Rated grid frequency/Grid frequency range	50Hz(45-54Hz)/60Hz(55-65Hz)
Type of grid connection	AC Charging connector
PV Parameter	
Max.PV Input Power	6KW
MPPT Voltage Rang	120-450V
Max.PV Voltage	500V
Max.PV Charging Current	30A
PV Efficiency	<99.2%
PV Interface Type	MC4*1
PV Voltage Accuracy	±2V
Battery Parameter	
Battey type	$LiFePO_4$
Battey rated voltage	51.2V
Capacity	100AH
Battey voltage range	42-58V
Rated charging current	30A
Max. charging current	100A
Other System Parameter	
Max.Operating Altitude	2000m
Output Interface	USB18W*4,Type C 100W*1,Type C 60W*1 DC 12V10A*1 , DC 12V 5A *2 , AC 220V*4
Operating temperrature range	-20°C~50°C
Weight	60kg
Dimension(W*D*H)	450*280*700mm