

SPECS FOR MSP-6000

# PORTABLE ALL ⚡ N ONE

ENERGY STORAGE SYSTEM

EU Version



## FEATURES

- **High Integration:** ALL IN ONE, one board integrates the functions of inverter, mains ultra-fast charging and DC charging
- **Load Adaptive:** Intelligently identify high impact loads and high resistance loads exceeding the rated power and convert them to constant power output
- **Power Grid Frequency Adaptive:** Inverter output voltage can automatically adapt to 50Hz or 60Hz power grid and intelligent output 50/60Hz
- **Real UPS:** The switching time between mains and battery is less than 10ms
- **6,000W, 220V Single Phase** output in one unit for power-hungry appliances
- **3,000W solar input**, allowing for a charge of 0 to 80% in just 1.5 hours by sunlight



## FIELDS OF APPLICATION

- > Outdoor Power Supply
- > Household Energy Storage
- > Emergency Backup Power
- > Less Reliance on the Power Grid
- > Expandable Power for RVs
- > Vehicle Survival Gear



Parameters	
Items	EU Version
<b>Input</b>	
AC Input Power	2160W/240V*9A
PV Input Power	3000W(max)
MPPT Voltage Range	30V-150V
PV Input Current(Max.)	30A
EV Input Output power	6000W
Total Input power	AC input power 6000W( EV max); DC input power 3000W(max); Total: 9000W
Efficiency	90%
<b>Output</b>	
Output Voltage	220-240V, 50Hz/60Hz
AC Output Power	6000W
Efficiency	95%
<b>Battery</b>	
Voltage	51.2V
Capacity	100AH
Cycle life(80%DOD)	6000 cycles @0.5C @25°C
Continuous charging current	100A(1C)
Continuous discharging current	100A(1C)
Peak discharge current	300A(10s), SOC≥30%
<b>The system</b>	
Inputs	AC input*1 ,PV input*1
Outputs	AC outputs*3
Display screen	Yes
Charge for EV	Yes
UPS function	Switches within 10ms
Operating Temperature	-20°C~55°C
Operating Humidity	0%~95%
Altitude	2000m
Protection Level	IP20
Cooling Method	Air Cooling
Certificate	UN38.3,MSDS,CE
Weight	About 60KG
Dimensions (W*L*H)	730mm*488mm*318mm
Accessories	User Manual, AC plug