

# PORTABLE SOLAR GENERATOR (AN-MPSG-N)



## Key Features

- Dual CPU intelligent control with excellent performance technology
- Built-in LiFePo4 lithium battery
- The mains supply mode/energy-saving mode/battery mode can be set flexibly
- Convenient and practical 5VDC-USB output port and 12VDC output port
- MPPT controller greatly improving the charging efficiency to more than 20%
- Overcharge and overdischarge protections to get a longer battery life
- Safe and reliable intelligent exhaust fan control
- Overall automatic protection and alarms including AC output overload protection, short circuit protection, etc

Model	AN-MPSG-N500	AN-MPSG-N1000	AN-MPSG-N2000	AN-MPSG-N3000	AN-MPSG-N5000
Battery Voltage	12.8V	25.6V	25.6V	25.6V	48V
Inverter					
Rated Power	500W	1000W	2000W	3000W	5000W
Input Voltage Range	110/220VAC±10%				
Input Frequency	45-65Hz				
Output Voltage	110/120/220/240VAC(optional)				
Output Frequency	50/60Hz				
Output Wave	Pure Sine Wave				
Specification Of Built-in Lithium Battery	600WH	1200WH	2500WH	3000WH	5000WH
Communication	RS485/WIFI(optional)				
Solar Input					
Max. PV Power	240W	480W	800W	1500W	3000W
Range Of Charging Voltage	15-90VDC	30-90VDC	30-90VDC	30-130VDC	60-160VDC
Rated Charge Current	20A		30A	60A	
DC Output					
5VDC USB Output	2 units / MAX2A				
12VDC Output Ports	2 units / MAX2A				
Physical					
Transfer Time	Typical: 5-8ms(Including detection time)				
Heat Dissipation/Cooling	Temperature control by intelligent exhaust fan				
Display	Digital LCD				
Electricity Charging	Yes				
Operating Temperature	-10°C-+50°C				
Operating Humidity	10%-90%				
Short Circuit Protection	Software Protection				
External Size	410*210*300mm	410*210*385mm	460*275*495mm	460*275*495mm	550*300*600mm
Package Size	458*258*348mm	458*258*433mm	495*290*640mm	495*290*640mm	585*315*760mm
G.W.(Gross Weight)	18kg	27kg	50kg	59kg	90kg