



MARSTEK V500

Waterproof 500W/2kWh Solar Generator with 500W PV Input



Stable Power Performance

500W Pure Sine Wave Output



Flexible Fast Charging

Supports 500W Solar Input &
500W Grid Charging



Long-Lasting Energy Storage

2009Wh Capacity LFP Battery
with 6000+ Cycles



Ultimate Design

IP65 Rated, Universal Socket
Plug & Play



Silent & High-Altitude Ready

Fanless Operation and supports
working at 4000m



Wide Voltage Range

Tackling Fluctuations from 184V to 276V

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SPECIFICATIONS



Model	MARSTEK V500
Battery	
Battery Capacity	2009Wh (314Ah*3.2V*2S)
Battery Chemistry	Lithium Iron Phosphate
Nominal Voltage	6.4V
Life Cycles (Down to 80% DOD)	6000
AC Output	
Inverter Continuous	500W
Inverter Peak	1000W
Inverter Type	Pure Sine Wave
Inverter Voltage/Freq.	230V/50Hz
AC Output Current	2.2A
AC Output Max. Current	2.4A
AC Output Port	Socket*1 (Universal Socket)
DC Input	
Solar Input Channels	1
Solar Input Power	500W Max.
Solar Input Voltage	12~60V
Solar Input Current	16A Max.
Solar Input Port	MC4
AC Input	
Input Voltage/Freq. Rated	230V/50Hz
Input Voltage Range	184V-276V
Input Current	3.3A
AC In Power	750W
AC Charge Power	500W Max.
AC Bypass Power	500W Max.
AC Input Port	BC05*1
General	
Operating Temperature	-10°C~50°C
Storage Temperature	-20°C~60°C
Relative Humidity	0~95%
Ingress Protection	IP65
Protection Level	I
Overvoltage/Voltage Withstand Level	II
Cooling Strategy	Natural Cooling
Max. Operating Altitude	4000m
Weight	15.5kg
Dimensions	205.5*220.3*290.0 mm
Product Certification	UN38.3 & MSDS