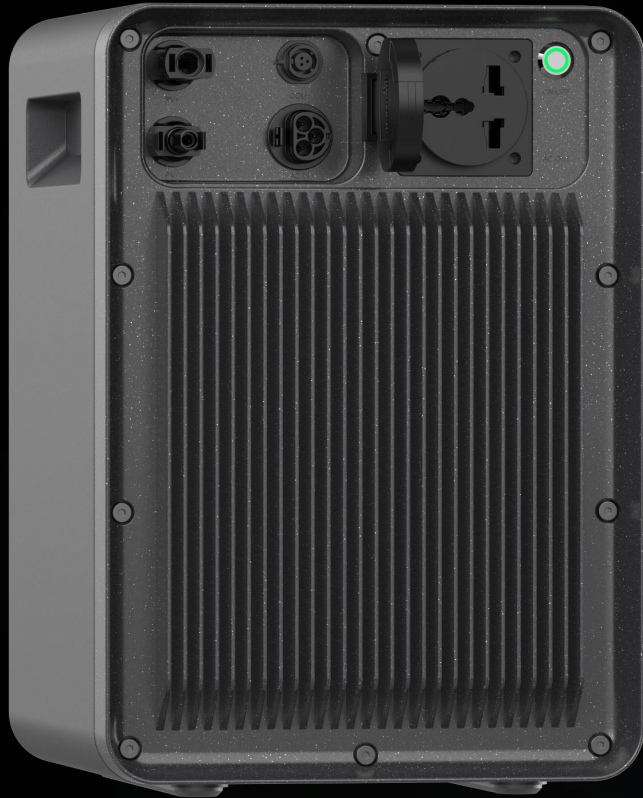


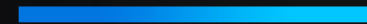
MARSTEK V500

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



500W Pure Sine Wave Inverter

Pure Power, Peace of Mind



500W

AC Output

1000W

Peak Power

Three Charging Methods

Solar / Grid / Solar + Grid



500W

1 MPPT PV Input



500W

Grid Input



1000W

PV Input + Grid Input

750W AC Input

Charge Your Battery and Power Device at the Same Time

750W Total Input:

500W Charging + 250W Bypass (General Mode)

250W Charging + 500W Bypass (Bypass Peak Mode)

500W EPS



Lighting (10W)
160 hours



Fridge (150W)
10.7 hours



Phone (5W/Unit)
321 hours



Fan (50W)
32 hours



TV (100W)
16 hours

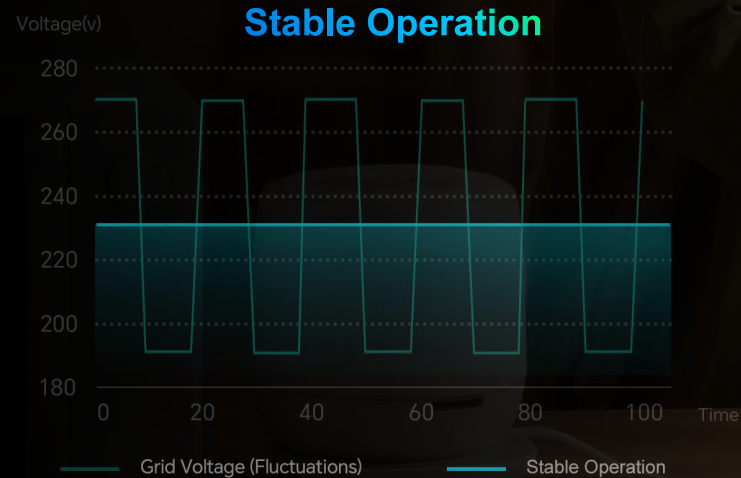


Laptop (100W)
16 hours



184V-276V Wide Voltage Range

to Tackle Grid Voltage Fluctuations

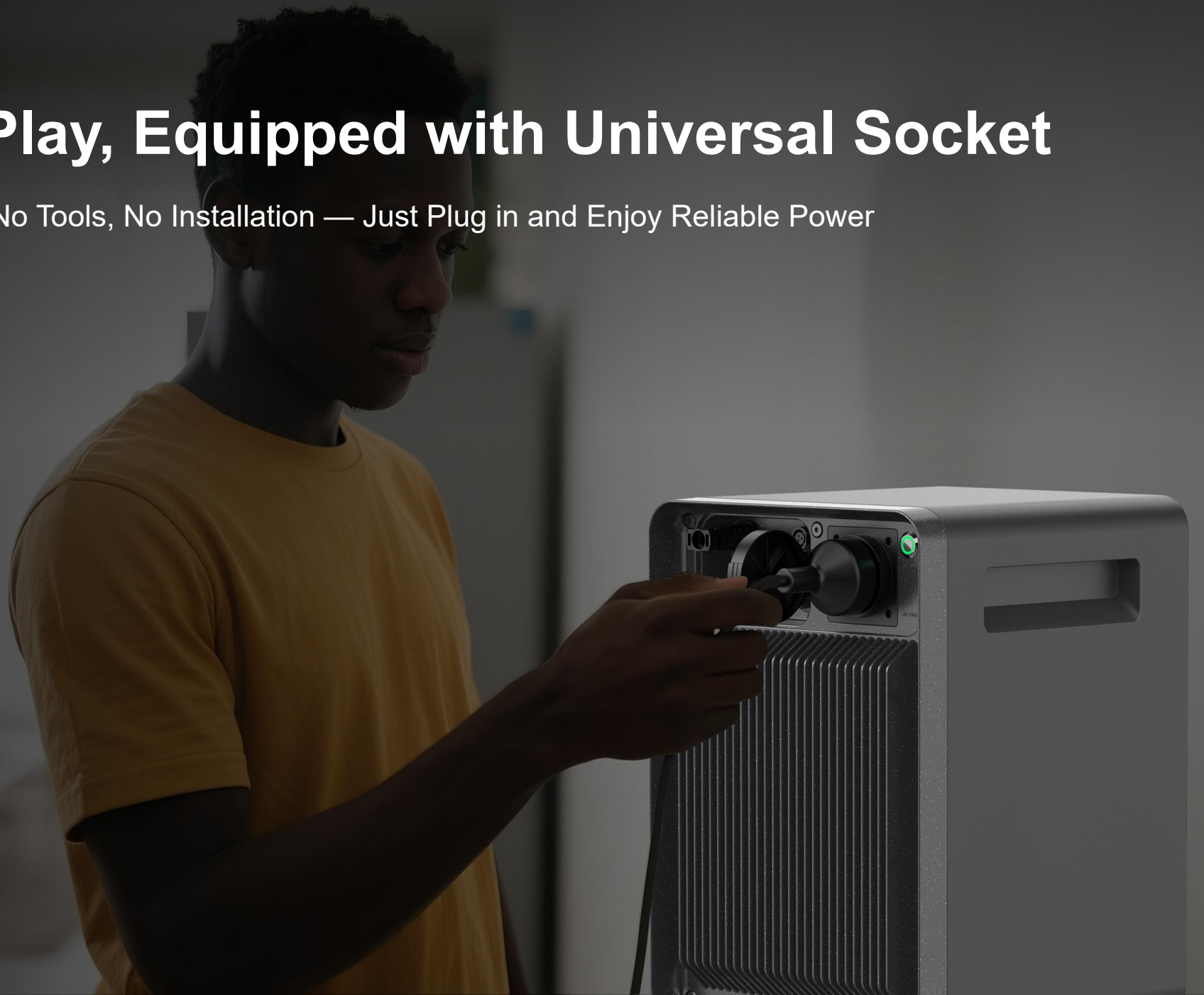


Plug & Play, Equipped with Universal Socket

No Tools, No Installation — Just Plug in and Enjoy Reliable Power



Support EU, US, UK
and other specifications



Real-Time Monitoring & Control

Marstek App Integration

Support Wi-Fi / Bluetooth Connectivity



2.009kWh LFP Battery, Powers 1-2 Days of Daily Use

314Ah Battery Cell for High Energy Density and Long Cycle Life

LFP

Battery

6000+

Life Cycles

5

Years Warranty

10

Years Lifespan



IP65

Waterproof & Dustproof

Fanless

Silent Operation

-10°C~50°C

Operating Temperature

-20°C~60°C

Storage Temperature



Support 4000m Operating Altitude

4000m Altitude Ready Reliable Operating Power



V500

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



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 Max.
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
Product Certification	UN38.3&MSDS

THANKS!

Contact Us

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