



**Portable Powerstation
R Series
MGI-R-500W**

Simple. Reliable. Efficient.

294~448Wh
Capacity

120W Max
Solar / DC Input

500W Max
AC Output

100W Max
USB-C Input / Output



500W

GENERAL

Capacity	448Wh
Cell Chemistry	LiFePO ₄
Single Cell Capacity	35Ah @ 3.2V/pcs
Lifecycle	4000+ Cycles to 80% Capacity
Indicator	APP / LED Screen
Floodlight	LED Light
Storage Temp.	-4°F ~ 140°F (-20°C ~ 60°C)
Operating Temp.	32°F ~ 122°F (0°C ~ 50°C)
Material	ABS + PC
Weight	4.6 ± 0.5kg
Dimensions	340 x 185 x 105mm
Battery Management	OVP, UVP, OCP, SCP, OTP, UTP, etc.
Solar Charge System	MPPT Charge Controller

INPUT

DC 7909	120W Max (DC / Solar 12V ~ 24V)
USB-C	100W Max

OUTPUT

AC	500W Max (220V ~ 240V @ 50Hz)
USB-C	100W Max
USB-A #1	18W Max (5V ~ 12V)
USB-A #2	18W Max (5V ~ 12V)
DC 5525	120W (12V / 10A)
Car Port	120W (12V / 10A)