







M5 - RUGGED MOBILE SOLAR



SOLAR POWER ANYWHERE







The M5 is designed to deploy quickly and connect easily to the R5, enabling unlimited clean power anywhere. Its rugged design and high portability make it ideal to extend the R5's power during grid outages, remote production, off-grid events, and critical disaster response.

CAPABILITIES

-  Recharge R5 when remote or off-grid
-  Simple direct solar connection to R5
-  Rugged and weatherized case (IP67)
-  Portable with wheels + handles
-  Power monitoring via R5 Bluetooth app
-  Pass-through power, charge during use

RUGGED AND MOBILE

The M5 is ready to help power devices such as:

-  Tools
-  Lights
-  Laptops
-  Pumps
-  Phones
-  Refrigerators

SOLAR

The M5 is the solar complement to the R5. Simply connect it to the R5, position the M5 for maximum solar generation, and locate the R5 wherever you need portable power: indoors, on a vehicle, or outdoors.

POWER

The M5 has high-power monocrystalline solar panels that can output over 500W. Connect four (4) M5 in parallel to recharge a R5 up to a maximum 2,000W.

ANYWHERE

The M5 unfolds and packs back into its self-contained rugged case. The case includes flip-out handles and wheels for mobility and is ready to go anywhere it's needed.





M5 - RUGGED MOBILE SOLAR

PRODUCT SPECIFICATION

This product must be maintained and utilized within the environmental conditions and operating limits specified below. Any applicable product warranty shall become null and void if product is subjected to and/or operated outside of these limits. Specifications are subject to change without notice.

Performance, Physical, and Environmental	
Model	M5
Cell Type	Monocrystalline
Efficiency	21%
Maximum Rated Power (P_{max})	550 Watts
Typical Power (P_{typ})**	400 Watts +/- 10%
Voltage at Maximum Power (V_{mp})	87.5 VDC
Current at Maximum Power (I_{mp})	5.76 Amps
Open Circuit Voltage (V_{oc})	95.0 VDC
Short Circuit Current (I_{sc})	6.08 Amps
Weight	20 kg (44 lbs)
Dimensions	Folded & Stored: 53" x 16" x 6.12" Deployed: 45" x 120" x 0.5" 30° maximum allowable bend
Ingress Protection	IP67; when latched shut
Power Coefficient	-0.38 %/°C
Voltage Coefficient	-60.8 mV/°C
Current Coefficient	2.20 mA/°C
Max Power Tolerance	+/- 5%
Operating Temperature Limits	0 - 40°C / 32 - 104°F
Expandable Capacity	Yes; 4x can be paralleled via MC4 joining cables for up to 2,000 watts of power
Connector Type	SAE (M5 to R5 direct charging) MC4 (M5 to M5 paralleling)

**Solar performance, irradiance, angle of incidence, age, dust + debris, can all affect performance

