



Our Mission is Your Mission Success

## ArmorForge™ Portable Power Platform Specifications & Key Features

Parameter	Value
<b>Solar Electrical Power</b>	
Solar Panels	4 each
Solar Panels Output Power	490 Watt per panel
Solar Tracking	
Azimuth	+/- 45°
Elevation	0° to 90°
Solar Collection Efficiency	+40% increase as a result of solar tracking
Battery Subsystem	
Storage Batteries	Lithium Polymer 24V 3 Cells of 8 Batteries Integrated Battery Management System (BMS)
Total Power Available/Storage	> 20 Kwh
Sustained Power Output	150watts
Power Availability	24x7x365
Power Options	120 VAC; 220 VAC; up to 48 VDC
<b>External Connections</b>	
Egress Panel	
Main Power Out	J1 - Add Connector Number
Power In	J2 - Add Connector Number
Network 1	J3 - Ruggedized RJ45 Add number
Network 2	J4 - Ruggedized Single Mode Fiber Optio Add number
Convenience Power Out	J5-J8 - Ruggedized 110 VAC, x Amps
<b>Physical Characteristics</b>	
Weight	2000 pounds not including System Devices
Size (Transport Configuration)	8 ft. long x 6 ft. high x 5 ft. wide Legs/Feet Assemblies are removed for transport
Air Transportability	Meets all military and commerical Air Transport Requirements
Other Transport	Land, Sea, Rail with integrated Tie Down Rings
Loading	Integrated Forklift Slots; Four (4) mil-spec tie down rings
Platform Control	Local: Manual Controls Remote: Device-based GUI; Ethernet; RF45 or wireless