



PORTABLE & RUGGED PANTHER SERIES: 100W, 170W, & 200W

MERLIN® PATENTED DESIGN, MILITARY GRADE,
SOLAR SOLUTIONS OPTIMIZED FOR PORTABLE POWER

MERLIN® TECHNOLOGY

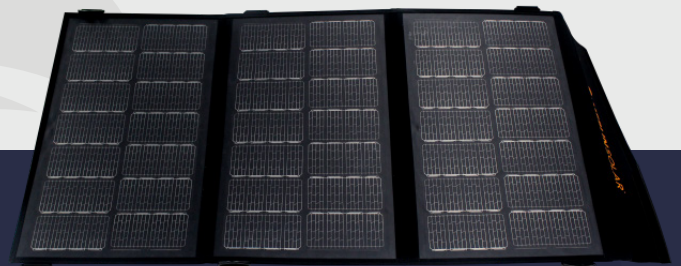
Industry leading power output | Designed and engineered in USA
Enhanced performance under all light conditions | Outstanding
aesthetics | Redundancy by design | Robust module integrity and
performance under extreme conditions | Military grade design,
materials and approvals

PRODUCT FEATURES

Light weight and heavy duty solar module | Emergency power
anywhere | Intelligent and elegant design | Fully-integrated, patented
MERLIN® technology | Optimized for maximum performance in
scattered light & extreme weather conditions

CUSTOMER BENEFITS

MERLIN® solar system enables portable power & handles emergency
conditions, increases reliability and increases power availability.
Simple plug and play solar module and compatible with most charge
controller brands. Scalable with multiple modules to enable larger
system. Worldwide deployments in extreme environments.



PANTHER100

CUSTOMER BENEFITS

Portable Power | Super Light Weight | Rugged and Durable |
Waterproof Module | Ergonomic Handle | Pockets for Cables |
Designed in USA

MERLIN® GRID PATENTED TECHNOLOGY: FLEXIBLE – RUGGED – LIGHTWEIGHT – MONO cSi



80% Lighter
than Glass Panels



50X More Durable
vs. Bus-Bar Technology



20% More Energy
In Real World Conditions



2.5X Power Density
vs. Thin Film Technology



PANTHER100



PANTHER100



PANTHER170

TECHNICAL SPECS

Electrical Characteristics (STC) ¹ MERLIN® PV Module Specs	Unit	100W	170W	200W
Cell Type		PERC		
Rated Power (P Max)	W	100	170	200
Voltage at Pmax (Vmp)	V	23.35	19.22	19.91
Current at Pmax (Imp)	A	4.50	8.84	10.34
Output Connector	mm	Anderson Connector		MC-4

1. STC standard test conditions: 1000W/m² intensity, Air Mass 1.5, 25°C cell temperature. Power tolerance is +/- 5% W at STC. The electrical characteristics are within +/- 10% unless otherwise specified.

2. Specifications are subject to change.

