SOLAR MARINE SUPPLY

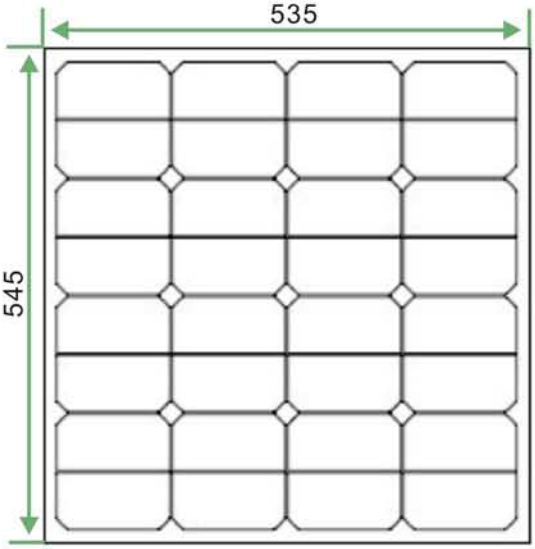
SOLARMARINESUPPLY.COM

50 Watt Semi Flexible Solar Panel

Made with high efficiency sunpower solar cells

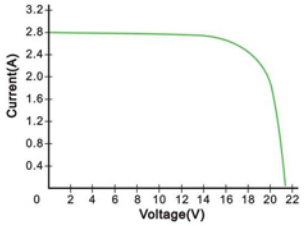
Electrical Characteristics

Max Power	Pmax	50W
Max Power Voltage	Vmp	17.6V
Max Power Current	Imp	2.8A
Open Circuit Voltage	Voc	21.2V
Short Circuit Current	Isc	3.1A
Maximum System Voltage		600V
Series Fuse Rating		10A
Temperature Co-efficients		
	Power	-0.38%/℃
	Voltage	-60.8mV/℃
	Current	2.2mA/℃
Cell Efficiency		21.50%
Number of Cells in Series		32
Max Power tolerance		±5%



Mechanical Characteristics

Weight	0.7 KG / 1.5 Pounds
Dimensions	21.5 x 21.25 x 0.12 Inches
Dimensions	545 x 535 x 3 mm
Cable	11 awg/TU - 3ft w/ MC4 Connectors
Cable	4.0mm^2 - 90cm w/ MC4 Connectors



Note: All electrical parameters are rated at standard test conditions (irradiance of 1000W/m^2,AM 1.5G, cell temperature 77°f/25°C)

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