

ME SOLAR FLEXIBLE SOLAR MODULES

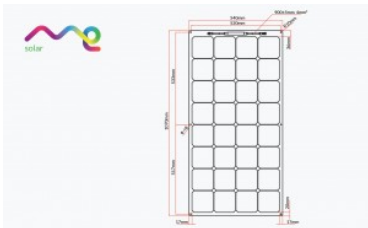
Me Solar flexible solar modules, made with high efficiency monocrystalline cells, ideal for curved roofs and surfaces where bonding is preferable, like recreational vehicles or nautical applications.



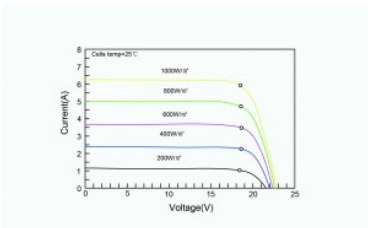
Panel Solar Flexible Me Solar



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Me Solar flexible solar modules are made with SunPower high efficiency monocrystalline cells, with a Semi Flexible design makes it ideal for curved roofs and surfaces where bonding is preferable.

An unbreakable plastic film surface makes these panels ideal for mounting on flat or gently curved decks (up to 30 degrees), for use on soft Bimini Tops, hard dodgers, decks, RV roofs and almost any others application. This solar modules is not designed to be walked on.

Me Solar flexible solar modules are made with high efficiency back contact cells with an average efficiency of 24,4 %, and a module efficiency of 30%, higher than conventional solar panel

With only 3 mm. thick and with no glass or frame, this solar modules are incredibly light weight: 2,18 kg, making it easier to transport, hang and install. Solar panels have pre-driller eyelets in the corner with Stainless grommets, easy installation, the panel can also be fixed by bolts or screws.

SPECIFICATIONS

		MESFM-110	MESFM-150
Number of cells		32 (4 x 8)	44 (4 x 11)
Cell type		SunPower Monocrystalline	SunPower Monocrystalline
Maximum System Voltage		45 Vdc (IEC)	45 VdcV (IEC)
Electrical specifications *			
Nominal Power	Pmax	110 W	150 W
Power output tolerance		± 3%	± 3%
Maximum power voltage	Vmpp	18,60 Vdc	25,5 Vdc
Open Circuit Voltage	Voc	21,90 Vdc	30,1 Vdc
Maximum power current	Impp	5,97 A	5,97 A
Short Circuit Current	Isc	6,32 A	6,32 A
Temperature Ratings			
Open circuit voltage coefficient	Tk Voc	-0,27 % / °C	-0,27 % / °C
Short circuit current coefficient	Tk Isc	0,05 % / °C	0,05 % / °C
Power coefficient	Tk P	-0,38 % / °C	-0,38 % / °C
Operating Temperature		-40 to +85 °C	-40 to +85 °C
Other specifications			
Dimensions		540 x 1070 x 3 mm	540 x 1760 x 3 mm
Weight		2,18 Kgr	2,86 Kgr
Conection box		Juction box with diodes	Juction box with diodes
Cable		900 mm	900 mm
Connector		MC4	MC4
Warranty		Product: 2 years warranty under manufacturing defects	Product: 2 years warranty under manufacturing defects

* Standard Test Conditions STC (Air Mass AM1.5, Irradiance 1000W/m², Cell Temperature 25°C)

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