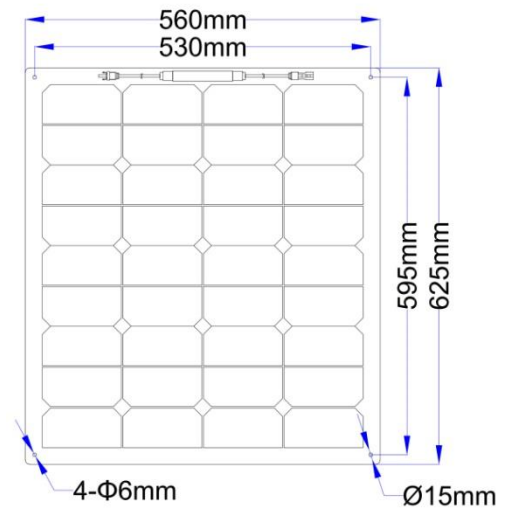
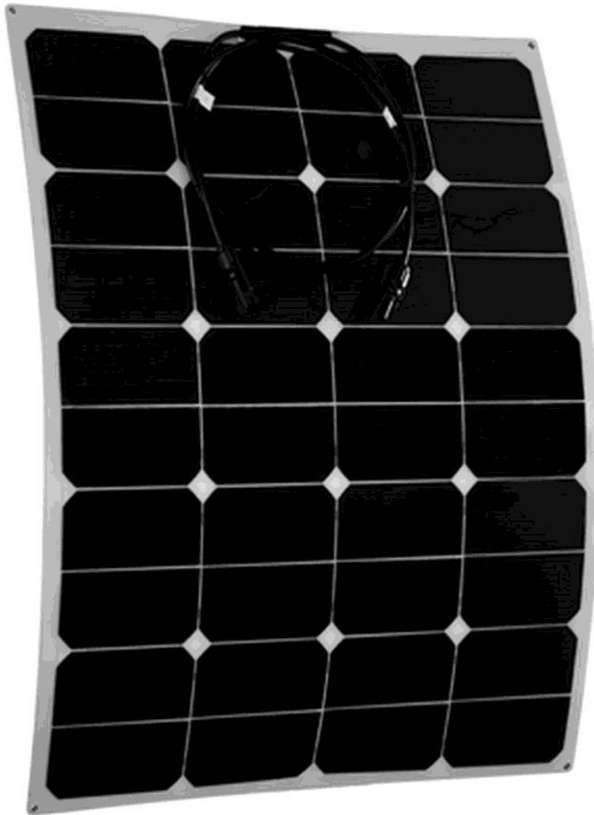


## Flexible solar panel-60W MEGS-7606

Multitasking Electronic Flexible Solar Panel

Flexible Solar Panel

Semi Flexible Solar



MULTITASK  
ELECTRONICS

Multitasking Electronics high efficiency flexible waterproof 50W monocrystalline solar panel is perfect for permanent outdoor use to provide free electricity for charging 12V batteries to power various applications, such as in a motorhome, caravan, camper, boat, or for solar lighting systems, off-grid and back up solar power systems, and complete household solar power systems.

Back-contact solar cells with efficiency up to 22% make this panel ideal for applications where space is restricted, or there are obstructions on the roof. The panel can also be used to provide direct power supply for applications not sensitive to changes in input voltage / current (e.g. electric motors or pumps) and for various grid-tie applications.

<b>Technical features</b>	
<b>Max-power</b>	50w
<b>Solar cells:</b>	125*125
<b>Min power tolerance</b>	±3%
<b>Peak power(WP) :</b>	50w
<b>Voltage at Pmax (Vmp)</b>	17.6
<b>Current at Pmax (Imp)</b>	2.84
<b>Open circuit voltage (Voc)</b>	20.8
<b>Short circuit current (Isc)</b>	3.07
<b>Max system voltage (VDC)</b>	1000V(IEC),600V(UL)
<b>Module Efficiency</b>	17.30%
<b>Temperature Coefficient of Pmax:</b>	-0.48%/°C
<b>Temperature Coefficient of voc:</b>	-0.34%/°C
<b>Temperature Coefficient of ISC:</b>	0.015%/°C
<b>Nominal Operating Cell Temperature:</b>	45+/-2°C
<b>Data under standard testing conditions(STC)</b>	1000W/M <sup>2</sup> ; 1.5AM
<b>Mechanical Characteristics</b>	
<b>Type of Connector:</b>	MC4
<b>Dimension AxBxC</b>	560*625*3
<b>Weight</b>	0.5KG
<b>No.of mounting Holes in Frame</b>	4
<b>Contruction</b>	1.Surface -- plastic TPT,high transmittance EVA 2.Frame: frameless 3.Backsheet -- Whitie or black
<b>Junction Box(protection degree):</b>	IP65
<b>Qualification Test Parameters</b>	
<b>Dielectric Insulation Voltage:</b>	6000VDC max
<b>Operating Temperature</b>	-40°C to + 85°C
<b>Max load</b>	5400Pa
<b>Hailstone impact</b>	25mm(1inch) at 23m/s (52mph)