



Thin Flexible Solar Panels

www.powerfilmsolar.com






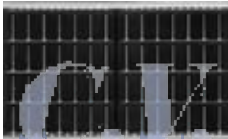

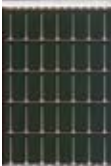







OEM Components

PowerFilm thin film photovoltaic products offer solutions that are durable, thin, lightweight, and flexible for both small-scale and large-scale power generation.

The PowerFilm® product line includes a wide range of standard products for diverse power requirements and application environments, as well as custom modules that can be designed and encapsulated for your specific needs.

PowerFilm Wireless Electronics Series Modules in the PowerFilm Wireless Electronics Series offer a new opportunity to solve the old problem of limited power for wireless electronics in both portable and remote electronic applications. PowerFilm Wireless Electronic modules are lightweight, paper-thin, and durable. Their thin profile enables them to be easily integrated with devices for solar-recharging or direct power. Modules have been specifically developed to recharge AA, AAA, 6 volt and 12 volt batteries. These modules do not have a UV-stabilized surface. For connecting, just solder or crimp to the tin-coated copper tape.

3 V	 SP3-37 22mA @ 3V	3.6 V	 MPT3.6-75 50mA @ 3.6V	 MPT3.6-150 100mA @ 3.6V
	 MP3-25 25mA @ 3V		 MPT4.8-75 50mA @ 4.8V	 MPT4.8-150 100mA @ 4.8V
4.2 V	 MP3-37 50mA @ 3V	6 V	 MPT6-75 50mA @ 6V	 MPT6-150 100mA @ 6V
	 SP4.2-37 22mA @ 4.2V		 MPT7.2-75 100mA @ 7.2V	 MPT15-75 50mA @ 15.4V
7.2 V	 MP7.2-150 200mA @ 7.2V	15 V	 MPT15-150 100mA @ 15.4V	

PowerFilm is a trademark of PowerFilm, Inc. © 2008 PowerFilm, Inc. 297774-1208

MP3-25

Operating Voltage 3 V
Operating Current 25 mA
Typical Voc 4.1 V
Typical Isc 35 mA
Total Size 114 mm x 25 mm (4.5 in x 1.0 in)
Solar Module Aperture Size 100 mm x 25 mm (3.9 in x 1.0 in)
Total Thickness 0.2 mm (8 mil)
Weight 0.8 g (0.03 oz)

MP3-37

Operating Voltage 3 V
Operating Current 50 mA
Typical Voc 4.1 V
Typical Isc 60 mA
Total Size 114 mm x 37 mm (4.5 in x 1.5 in)
Solar Module Aperture Size 100 mm x 37 mm (3.9 in x 1.5 in)
Total Thickness 0.2 mm (8 mil)
Weight 1.2 g (0.04 oz)

MPT3.6-75

Operating Voltage 3.6 V
Operating Current 50 mA
Typical Voc 4.8 V
Typical Isc 60 mA
Total Size 74 mm x 75 mm (2.9 in x 3.0 in)
Solar Module Aperture Size 60 mm x 75 mm (2.4 in x 3.0 in)
Total Thickness 0.2 mm (8 mil)
Weight 1.6 g (0.06 oz)

MPT3.6-150

SP4.2-37

MPT4.8-75

Operating Voltage 3.6 V
Operating Current 100 mA
Typical Voc 4.8 V
Typical Isc 120 mA
Total Size 74 mm x 150 mm (2.9 in x 5.9 in)
Solar Module Aperture Size 60 mm x 150 mm (2.4 in x 5.9 in)
Total Thickness 0.2 mm (8 mil)
Weight 3.1 g (0.1 oz)

Operating Voltage 4.2 V
Operating Current 22 mA
Typical Voc 5.9 V
Typical Isc 30 mA
Total Size 84 mm x 37 mm (3.3 in x 1.5 in)
Solar Module Aperture Size 70 mm x 37 mm (2.8 in x 1.5 in)
Total Thickness 0.2 mm (8 mil)
Weight 0.8 g (0.03 oz)

Operating Voltage 4.8 V
Operating Current 50 mA
Typical Voc 6.4 V
Typical Isc 60 mA
Total Size 94 mm x 75 mm (3.7 in x 3.0 in)
Solar Module Aperture Size 80 mm x 75 mm (3.2 in x 3.0 in)
Total Thickness 0.2 mm (8 mil)
Weight 1.9 g (0.07 oz)

MPT4.8-150

Operating Voltage 4.8 V
Operating Current 100 mA
Typical Voc 6.4 V
Typical Isc 120 mA
Total Size 94 mm x 150 mm (3.7 in x 5.9 in)
Solar Module Aperture Size 80 mm x 150 mm (3.2 in x 5.9 in)
Total Thickness 0.2 mm (8 mil)
Weight 3.9 g (0.1 oz)