

# **Electronic Component Solar Panels**

## **Classic Application Series**

The Classic Application Series offer a new opportunity to solve the old problem of limited power for wireless electronics designed for portable and remote applications. Classic Application panels are lightweight, paper thin, and durable.

Their ultra-thin profile enables them to be easily integrated into devices for solar recharging or for direct power. Panels have been specifically developed to recharge a variety of common battery sizes. These panels do not have a UV-stabilized surface, but are suitable for intermittent outdoor use.

Looking for a custom Electronic Component Solar Panel? We offer custom sizes, voltages, encapsulations and substrates. Contact us at **www.powerfilmsolar.com** to learn more.

#### **SP3-37**

Power: 0.07W

Operating Voltage: 3.0V Operating Current: 22mA

Max Voc: 4.6V Size: 2.52 in x 1.45 / 64.01 mm x 36.83 mm Weight 0.03 oz / 0.85 g





#### **MPT3.6-75**

Power: 0.18W

Operating Voltage: 3.6V Operating Current: 50mA

Max Voc: 5.5V

Size: 2.91 in x 2.87 in / 73.91 mm x 72.90 mm Weight: 0.06 oz / 1.70 g

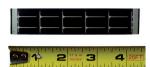


#### **MP3-25**

Power: 0.09W

Operating Voltage: 3.0V Operating Current: 31mA

Max Voc: 4.6V Size: 4.49 in x 0.94 / 114.05 mm x 23.88 mm Weight: 0.03 oz / 0.85 g



#### **MPT3.6-150**

Power: 0.36W

Operating Voltage: 3.6V Operating Current: 100mA

Max Voc: 5.5V

Size: 2.91 in x 5.75 in / 73.91 mm x 146.05 mm Weight: 0.10 oz / 2.83 g



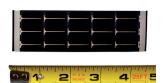
#### **MP3-37**

Power: 0.15W

Operating Voltage: 3.0V Operating Current: 50mA

Max Voc: 4.6V

Size: 4.49 in x 1.45 in / 114.05 mm x 36.83 mm Weight: 0.04 oz / 1.13 g



#### SP4.2-37

Power: 0.09W

Operating Voltage: 4.2V Operating Current: 22mA

Max Voc: 6.5V

Size: 3.31 in x 1.45 in / 84.07 mm x 36.83 mm Weight: 0.03 oz / 0.85 g





# Poverfim<sub>®</sub>

#### MPT4.8-75

Power: 0.24W

Operating Voltage: 4.8V Operating Current: 50mA

Max Voc: 7.4V

Size: 3.70 in x 2.87 in / 93.98 mm x 72.90 mm Weight: 0.07 oz / 1.98 g



#### MP7.2-75F

Power: 0.86W

Operating Voltage: 7.2V Operating Current: 120mA

Max Voc: 11.1V

Size: 9.96 in x 2.87 in / 252.98 mm x 72.90 mm Weight: 0.50 oz / 14.17 g



#### MP4.8-150

Power: 0.48W

Operating Voltage: 4.8V
Operating Current: 100mA

Max Voc: 7.4V

Size: 3.70 in x 5.75 in / 93.98 mm x 146.05 mm Weight: 0.10 oz / 2.83 g



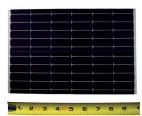
# MP7.2-150F

Power: 1.73W

Operating Voltage: 7.2V
Operating Current: 240mA

Max Voc: 11.1V

Size: 9.96 in x 5.75 in / 252.98 mm x 146.05 mm Weight: 0.90 oz / 25.51 g

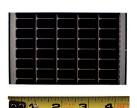


#### **MPT6-75**

Power: 0.30W

Operating Voltage: 6.0V
Operating Current: 50mA

Max Voc: 9.3V Size: 4.49 x 2.87 in / 114.05 mm x 72.90 mm Weight: 0.08 oz / 2.30 g



#### MPT15-75

Power: 0.77W

Operating Voltage: 15.4V Operating Current: 50mA

Max Voc: 22.2V

Size: 9.96 in x 2.87 in / 252.98 mm x 72.90 mm Weight: 0.50 oz / 14.71 g



#### **MPT6-150**

Power: 0.60W

Operating Voltage: 6.0V Operating Current: 100mA

Max Voc: 9.3V

Size: 4.49 in x 5.75 in / 114.05 mm x 146.05 mm Weight: 0.10 oz / 2.83 g



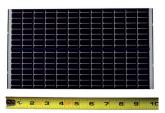
#### MPT15-150

Power: 1.54W

Operating Voltage: 15.4V
Operating Current: 100mA

Max Voc: 22.2V

Size: 9.96 in x 5.75 in / 252.98 mm x 146.05 mm Weight: 1.00 oz / 28.35 g



## **Mouser Electronics**

**Authorized Distributor** 

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

### PowerFilm:

<u>MP7.2-75F</u> <u>MPT3.6-150</u> <u>MPT4.8-75</u> <u>SP4.2-37</u> <u>MPT3.6-75</u> <u>MPT15-150</u> <u>SP3-37</u> <u>MP7.2-150F</u> <u>MP3-37</u> <u>MP3-25</u> MPT15-75 MPT6-75 MPT4.8-150 MPT6-150