



## GM240-60M



### Electrical Characteristics

Maximum power at STC (1000W/m <sup>2</sup> , 25°C, AM 1.5) - Pmax	<b>240W</b>
Open circuit voltage - Voc	<b>37.4V</b>
Short circuit current - Isc	<b>8.58A</b>
Maximum power voltage – Vmp	<b>30.2V</b>
Maximum power current – Imp	<b>7.94A</b>
Maximum system voltage	<b>1000V DC</b>
Module efficiency	<b>14.69%</b>
Power Tolerance	<b>± 3%</b>

### Temperature Characteristics

Operating temperature	<b>-40°C ~+85°C</b>
Nominal operating cell temperature (NOCT)	<b>45±2°C</b>
Temperature Coefficient of Pmax	<b>-0.46%/°C</b>
Temperature Coefficient of Voc	<b>-0.34%/°C</b>
Temperature Coefficient of Isc	<b>0.031%/°C</b>

### Mechanical Characteristics

Solar Cell	<b>Monocrystalline 156 X 156 mm</b>
N° of cells	<b>60 (6 X 10)</b>
Format	<b>1650 X 990 X 50 mm</b>
Weight	<b>21 Kg</b>
Front Glass	<b>3.2 mm tempered glass</b>
Frame	<b>Anodized aluminum alloy</b>
Junction box	<b>IP-65 rated with 3 bypass diodes</b>
Output cables	<b>1000mm length cables/ Multicontact (MC4) connectors</b>

### Certification



IEC 61215, IEC 61730



Safety Class II