





## amorphous Silicon Thin-Film

### Technical Specifications

Part Number:	PV-TFFUL	PV-TFV	PV-TFH	PV-TFQ
Diagram:				
<b>Dimension:</b>				
Dimensions (LxWxD)	2.6mx2.2m	2.6mx1.1m	1.3mx2.2m	1.3mx1.1m
<b>Weight:</b>				
Kg / lbs	100kg / 221lbs	50kg / 110lbs	50kg / 110lbs	25kg / 55lbs
<b>Electrical specifications:</b>				
Nominal power (Pmpp) +/-5%	343	168	170	85
Maximum power voltage (Vmpp) +/-10%	154	76	154	77
Maximum power current (Impp) +/-10%	2.2	2.2	1.1	1.1
Open circuit voltage (Voc) +/-10%	196	96	196	96
Short circuit current (Isc) +/-10%	2.9	2.9	1.4	1.4
Maximum system voltage	1000v			
Bypass diode	10A			
Temperature coefficients				
Nominal power (W)	-0.2% / C			
Maximum power voltage (V)	-0.3% / C			
Maximum power current (A)	+0.15% / C			
Open circuit voltage (V)	-0.3% / C			
Short circuit current (A)	+0.1% / C			
Mechanical characteristics				
Module type	Amorphous silicon			
Glass type	3.2mm annealed glass on front and back			
Encapsulation	PVB (Polyvinyl butyral)			
Frame material	Frameless			
<b>Warranty Info:</b>				
◆ Free from defects in materials and workmanship for 2 years				
◆ 10 years performance guarantee for a 90% power output				
◆ 20 years performance guarantee for a 80% power output				
Price and Specs subject to change without any notification				