

Mitsubishi Electric Modules  
Just the right fit.



**TJ Series**

PV-TJ235GA6 235W<sub>p</sub>

PV-TJ230GA6 230W<sub>p</sub>

PV-TJ225GA6 225W<sub>p</sub>

PV-TJ220GA6 220W<sub>p</sub>

PV-TJ210GA6 210W<sub>p</sub>

**Best Performance  
with High Reliability**

**Performance**

**Higher Cell Efficiency**

- 4 bus bar cell
- Solder coatingless
- Fine grid electrodes
- Optimized tab thickness

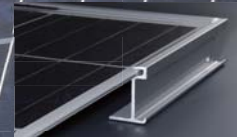
**Higher Module Output**

- 10×6 cell array
- Highly reflective backfilm with wide cell pitch
- Cerium-free high transmittance glass
- Tight tolerance +/-3%
- High power in actual use  
(Paired module average exceeds nominal value)



**Reliability**

- Tougher, more durable I-shaped frame
- Static load test of 5400 Pa passed with protection bar
- Double corrosion resistant coating
- Max. system voltage 1000V with four-layer back film
- Water drainage structure
- Lower frame edge slope
- Flexible straight tabs



**Safety**

- Quad-layer protective design junction box
- Highly heat-resistant bypass diode
- Lock mechanism equipped connectors
- Conforms with IEC 61215 2nd Edition, IEC 61730



**Easy Installation**

- Protection plate with cable clip
- Lug installable grounding holes
- Easier to grip frame
- Smoother frame edges



**Ecological**

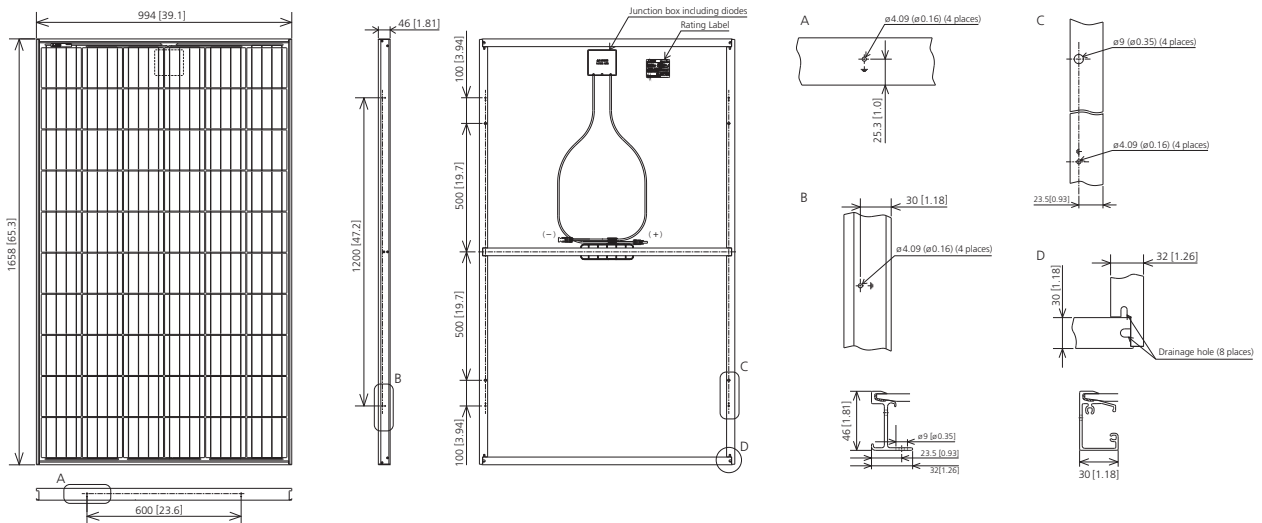
- Lead-free solder modules
- Manufactured in a ISO14001 certified plant
- Recyclable steel pallets



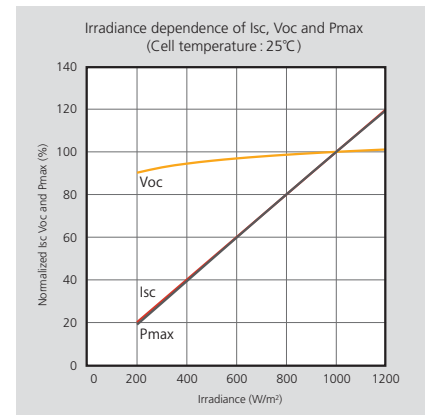
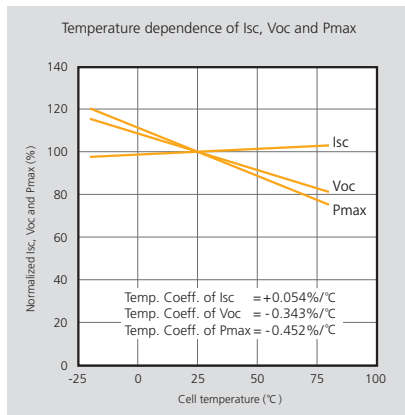
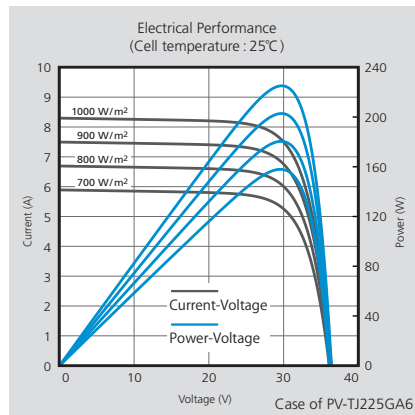
**SPECIFICATIONS SHEET**

Manufacturer	MITSUBISHI ELECTRIC				
Model name	PV-TJ235GA6	PV-TJ230GA6	PV-TJ225GA6	PV-TJ220GA6	PV-TJ210GA6
Cell type	Polycrystalline silicon, 156mm x 156mm				
Number of cells	60 cells in a series				
Maximum power rating (Pmax)	235W	230W	225W	220W	210W
Warranted minimum Pmax	228.0W	223.1W	218.3W	213.4W	203.7W
Tolerance of maximum power rating	+3/-3%				
Open circuit voltage (Voc)	36.8V	36.6V	36.4V	36.2V	35.8V
Short circuit current (Isc)	8.49A	8.39A	8.30A	8.20A	8.00A
Maximum power voltage (Vmp)	30.5V	30.2V	30.0V	29.7V	29.2V
Maximum power current (Imp)	7.71A	7.62A	7.50A	7.39A	7.19A
Normal operating cell temperature (NOCT)	47.5 °C				
Maximum system voltage	1000VDC				
Fuse rating	15A				
Dimensions	1658x994x46mm (65.3x39.1x1.81inches)				
Weight	20.0kg (44lbs.)				
Output terminal	(+) 1025mm/(-) 1025mm with MC connector (PV-KBT4/6II-UR, PV-KST4/6II-UR)				
Module efficiency	14.3%	14.0%	13.7%	13.3%	12.7%
Packing condition	2 pcs - 1 carton				
Certificates	IEC 61215 Second Edition, IEC 61730				

**DRAWINGS AND DIMENSIONS**



**ELECTRICAL CHARACTERISTICS**



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