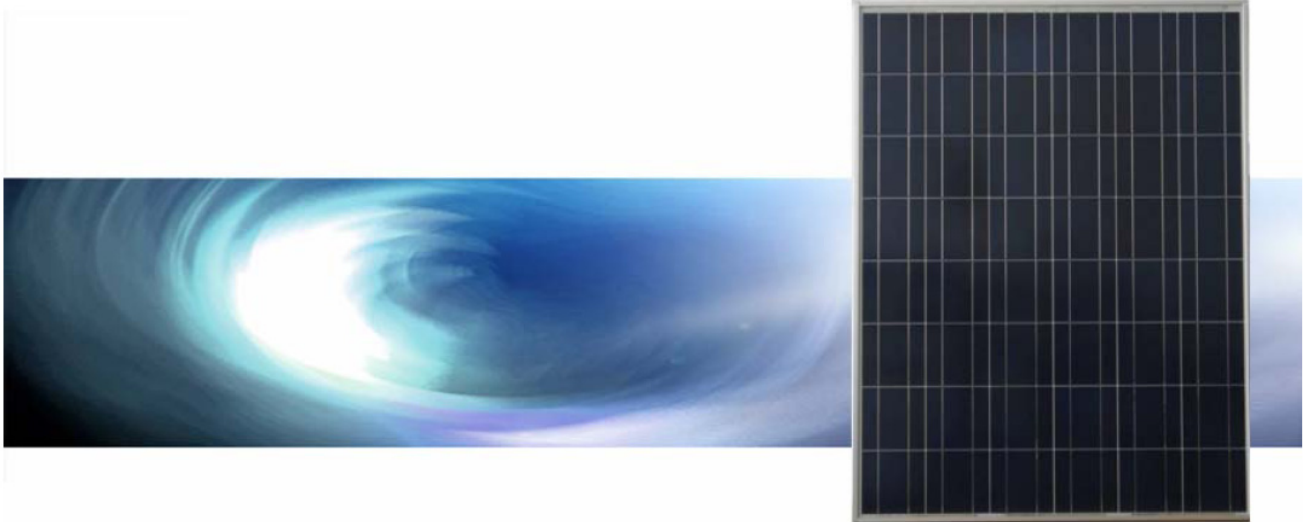




TLE Network *an innovation technology company*
www.tle-tw.com



TLE-175G6M

Multicrystalline Silicon Photovoltaic Module

- High power module using 6" multicrystalline solar cell.
- 48 solar cells and connection in series.
- 13.99% module conversion efficiency.
- Bypass diode minimizes power drop by shade.
- Using optical low iron tempered glass, EVA laminate and Tedlar backsheet.
- Anodize aluminum frame protected.
- Manufactured in ISO 9001 : 2000 certified facility.
- **20-years** limited warranty on power output.
- IEC61215 and CE certified.



ELECTRO-OPTICAL CHARACTERISTICS

P/N	TLE -175G6M(NEW)			
Parameters	Symbol	Typ	Unit	Condition
Maximum power	Pmax	175	W	Irradiance: 1000W/m ²
Maximum power voltage	Vpm	23.41	V	
Maximum power current	Ipm	7.48	A	
Open circuit voltage	Voc	29.29	V	Module Temperature 25°C
Short circuit current	Isc	8.03	A	
Module efficiency	ηm	13.99	%	

SPECIFICATIONS

No. of cells and connections	48 in series
Maximum system voltage	DC 1000V
Series fuse rating	10A
Maximum power	175 W
Dimensions	1319x989x47.5mm
Weight	15.7kg

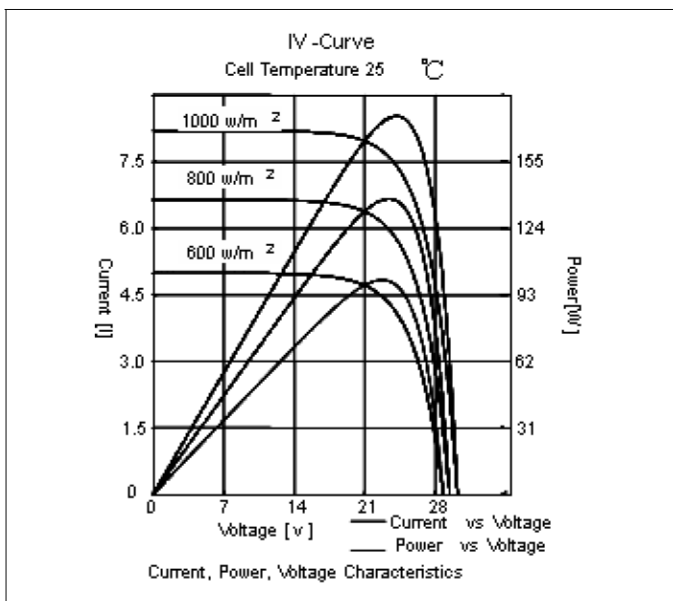
ABSOLUTE MAXIMUM RATINGS

Parameters	Rating	Unit
Operating temperature	-40 to +90	°C
Storage temperature	-40 to +90	°C

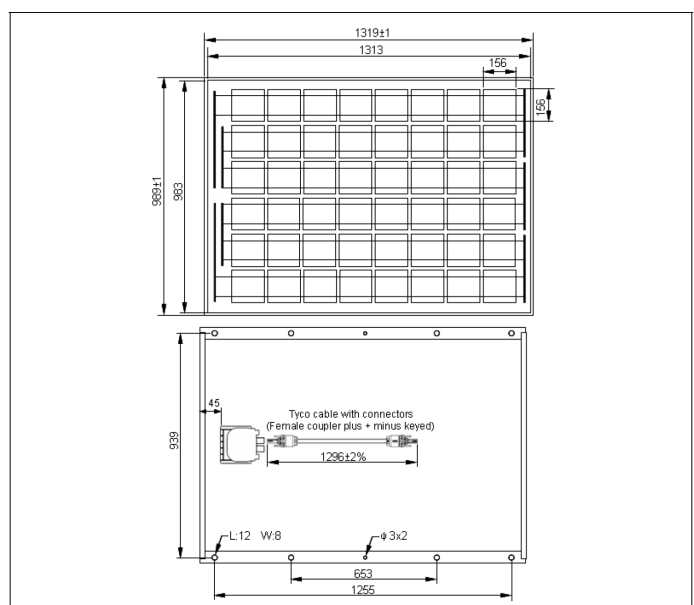
TEMPERATURE COEFFICIENTS

Pmax	-0.5133 %/K
Voc	-0.3246 %/K
Isc	0.02818 %/K

CHARACTERISTICS



OUTLINE DIMENSIONS



Specifications are subject to change without notice.