



# TES Group Limited

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...a member of TES Group of Companies

## TESPV 200-240W Polycrystalline POLY CRYSTALLINE 6"



Silicon Polycrystalline photovoltaic module with power peak from 200 W to 240 W



### FEATURES

Using only the best quality materials to provide High quality solar module.

- High efficiency solar cells with high transmission and low iron textured glass;
- Bypass diode minimizes the power drop caused by shading;
- Tempered glass, EVA resin, and weatherproof film, plus aluminum frame for extended outdoor use;
- Modules independently tested to ensure conformance with certification and regulatory standards;
- Manufacturing facility certified to ISO 9001 quality management system standards.



### WARRANTY

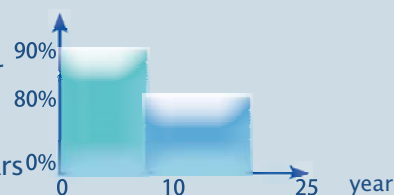
5 years product guarantee -25 years performance warranty

Commercial

- Standard 5 years on materials and manufacturing defects
- Can be extended to 10 years on request

Performance

- Power not less than 90% of power peak during the first 10 years
- Power not less than 80% of power peak during the subsequent 15 years





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Model	Open Circuit Voltage Voc (V)	Short Circuit Current Isc (A)	Optimum Operating Voltage Vmp (V)	Optimum Operating Current Imp (A)	Rated Maximum Power at STC Pmax (W)	Maximum Series Fuse Rating (A)	Power Tolerance
TESPV 200W P	35.3	7.58	28.5	7.02	200	15	±3%
TESPV 205W P	35.3	7.77	28.5	7.19	205	15	±3%
TESPV 210W P	36	7.82	29	7.24	210	15	±3%
TESPV 215W P	36	8.01	29	7.41	215	15	±3%
TESPV 220W P	36	8.19	29	7.59	220	15	±3%
TESPV 225W P	36.6	8.24	29.5	7.63	225	15	±3%
TESPV 230W P	36.6	8.42	29.5	7.8	230	15	±3%
TESPV 235W P	37.2	8.46	30	7.83	235	15	±3%
TESPV 240W P	37.2	8.65	30	8	240	15	±3%

MECHANICAL FEATURES		
Cell Size	(mm)	156 x 156
Number of cells	60 cells - polycrystalline silicon	
Module Dimensions	(mm)	1,650 x 992 x 50
Module Weight	(kg)	19.5
Front Glass	3.2 mm tempered glass	
Frame	anodized aluminium alloy	
Junction box	6 by-pass diodes	
Connectors	IP67 type MC3 or MC4	
Output Cables	(mm)	900

PACKING FEATURES		
Pallet Dimensions	(mm)	1,700 x 1,150 x h1,190
Pallet Weight	(kg)	425
1 Pallet	20 modules	
Container Loading Capacity	20ft	220 modules (12 pallets)
	40ft	560 modules (28 pallets)

### Temperature Coefficients

Notinal Operating cell Temperature(NOCT)	47 ± 2°C
Temperature Coefficient of Pmax	-0.43%/°C
Temperature Coefficient of Voc	-0.33%/°C
Temperature Coefficient of Isc	+0.04%/°C

### Characteristics Curve

