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Solar Panel Guide Specification Data Sheet

**HHV Solar Technologies Pvt. Ltd.
Multi 72 Cell 320 - 330 W
HST72F330P**

Also available on the web at
EnergyPal.com/hhv-solar-technologies-pvt-ltd-solar-panels/hst72f330p

72 CELL MODULE

POLY-CRYSTALLINE

HST72FXXXP

ELECTRICAL CHARACTERISTICS

Rated power	Pm	W	320	325	330
Open circuit voltage	Voc	V	45.90	46.0	46.12
Maximum power voltage	Vmp	V	37.0	37.10	37.40
Short circuit current	Isc	A	9.14	9.25	9.32
Maximum power current	Imp	A	8.65	8.77	8.83
Module efficiency	η	%	16.48-16.72	16.73-16.97	16.98-17.24
Power tolerance	W			-0 / +4.99	

CONSTRUCTION

Cell / Matrix	72; Poly Crystalline; 12 x 6
Dimension	1968 x 987 x 40 mm
Weight	21 kg
Glass	ARC; Low Iron; Tempered; High Light Transmission; 3.2mm
Junction Box	IP68; Potted
Cable	4mm ² ; 1000±50mm length
Connector	TL - CABLE01S
Diode	Schottky Bypass Diodes; 3 Nos
Frame	18μ Anodized aluminium alloy; twin wall profile
Locking	Corner key type

MAXIMUM RATINGS

System Voltage	1500 VDC (IEC) / 1000 VDC (BIS)
Fuse Rating	15 A
Application Class	Class A Protection Class II
Snow Load	5400 Pa
Wind Load	2400 Pa

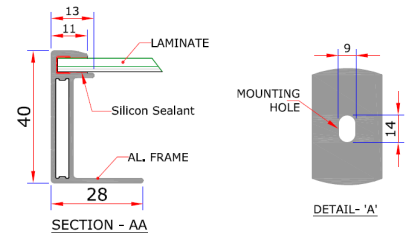
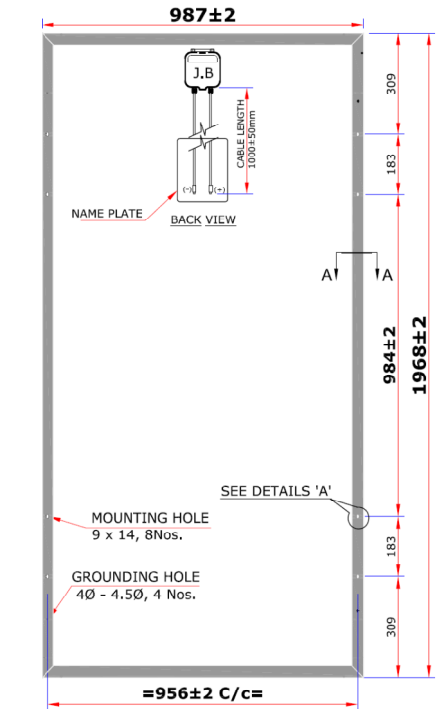
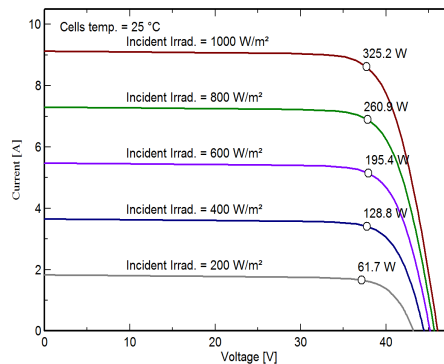
TEMPERATURE RATINGS

NOCT	44°C (±2°C)
Tc of Voc	-0.27 %/°C
Tc of Isc	+0.04 %/°C
Tc of Pm	-0.35 %/°C
Operating range	-40°C to +85°C

SALIENT FEATURES

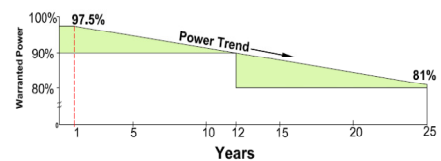
- BIS Certified (IS 14286 & IS/IEC 61730-1 & 2)
- Salt Mist Resistance; Certified for Severity 6
- 1500VDC (IEC) / 1000VDC (IEC,BIS)
- PID resistant (3 times of IEC Criteria)
- Micro-crack free
- Multi stage 100% in-line EL passed
- Higher energy yield on field performance
- More than 25 in-house quality checks
- Positive tolerance up to +5W
- Fire Class-"C"
- Best in class material for true 25 years life
- Extended power warranty
- IEC 61215, 61730, 61701, 62804

I-V Curve of 325W at 25°C cell temp. and different Irradiance level



WARRANTY

Product	10 Years
Performance	90% of rated power for 12 Yr 81% of rated power for 25 Yr



Notes :

Note: Design and Specifications are subject to change without notice. • Electrical Parameters measured at STC only (at 25°C, 1000W/M²). • Please refer to installation manual and strictly adhere to instruction / guidelines to qualify for warranty terms.

