

36 CELL MODULE

MULTI-CRYSTALLINE

HST36FXXXP

ELECTRICAL CHARACTERISTICS

Rated power	P _m	W	160
Open circuit voltage	V _{oc}	V	22.70
Maximum power voltage	V _{mp}	V	18.50
Short circuit current	I _{sc}	A	8.65
Maximum power current	I _{mp}	A	9.20
Module efficiency	η	%	16.13
Power tolerance	W		-0 / +4.99

CONSTRUCTION

Cell / Matrix	36; Multi Crystalline; 9 x 4
Dimension	1487 x 667 x 35mm
Weight	11 kg
Glass	ARC; Low Iron; Tempered; High Light Transmission; 3.2mm Thk.
Junction Box	IP67 / IP68; Potted
Cable	4mm ² ; 1000±50mm length
Connector	MC4 Compatible
Diode	Schottky Bypass Diodes; 3 Nos
Frame	18μ Anodized aluminium alloy; twin wall profile
Locking	Corner key type

MAXIMUM RATINGS

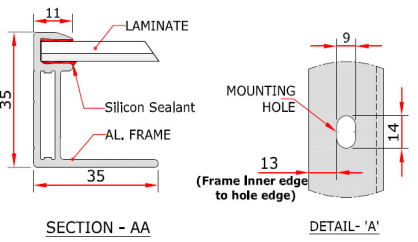
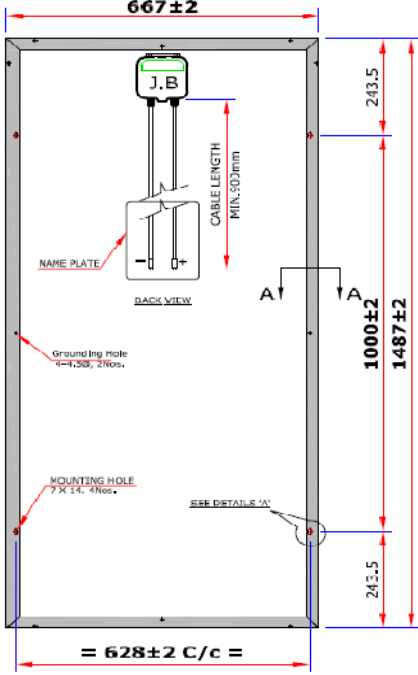
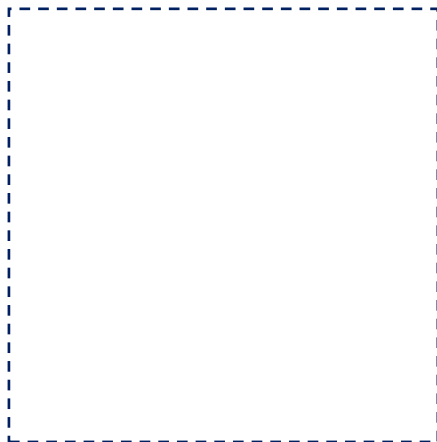
System Voltage	1000VDC (IEC)
Fuse Rating	15 A
Snow Load	5400 Pa
Wind Load	2400 Pa

TEMPERATURE RATINGS

NOCT	45°C (±2°C)
T _c of V _{oc}	-0.30 %/°C
T _c of I _{sc}	+0.05 %/°C
T _c of P _m	-0.41 %/°C
Operating range	-40°C to +85°C

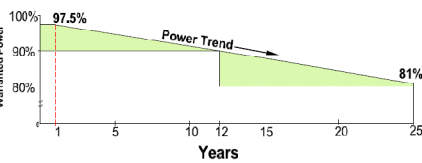
SALIENT FEATURES

- Extended power warranty
- PID resistant
- 1000V (IEC) Certified
- Micro-crack free
- Triple stage 100% in-line EL passed
- Higher energy yield on field performance
- More than 25 in-house quality checks
- Positive tolerance up to +5W
- 5400 Pa load
- Best in class material for true 25 years life
- IEC 61215, 61730, 61701, 62804, CE



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.

