Multi

Solutions

SOLAR MODULE

325W 6MA SERIES 325W-340W

MONOCRYSTALLINE SOLAR MODULE

72 CELL

MONOCRYSTALLINE MODULE

325W-340W

POWER OUTPUT RANGE

17.5% **MAXIMUM EFFICIENCY**

0 to +5W**POSITIVE POWER TOLERANCE**

CERTIFICATION























Maximize Limited Space with top-end efficiency

- Up to 168 W/m² power density
- Low thermal coefficients for greater energy production at high operating temperatures



Good aesthetics for residential applications

- Dark mono cells
- · Black frame



Excellent low light performance on cloudy days, mornings and evenings

- Advanced surface texturing
- · Back surface field
- Selective emitter



Highly reliable due to stringent quality control

- All modules have to pass electroluminescence (EL) inspection
- Over 30 in-house tests (UV, TC, HF, and many more)
- In-house testing goes well beyond certification requirements
- PID resistant

Certified to withstand challenging environmental conditions

• 35 mm hail stones at 97 km/h

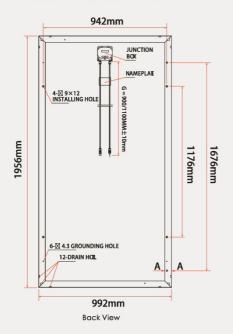
LINEAR PERFORMANCE WARRANTY

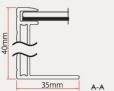




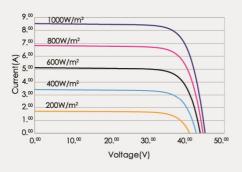


DIMENSIONS OF PV MODULE INE-6MA





I-V CURVES OF PV MODULE INE-6MA



Dealer Information



ELECTRICAL DATA @ STC	INE-325-6MA	INE-330-6MA	INE-335-6MA	INE-340-6MA
Peak Power Watts-P _{MAX} (Wp)	325	330	335	340
Power Output Tolerance-PMAX (W)	0/+5	0/+5	0/+5	0/+5
Maximum Power Voltage-V _{MPP} (V)	37.2	37.14	37.21	37.28
Maximum Power Current-IMPP (A)	8.77	8.89	9.00	9.12
Open Circuit Voltage-Voc (V)	44.5	44.6	45.6	45.68
Short Circuit Current-Isc (A)	9.30	9.34	9.45	9.58
Module Efficiency ηm (%)	16.78	17.02	17.28	17.54

STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3. Average efficiency reduction of 4.5% at 200 W/m2 according to EN 60904-1.

ELECTRICAL DATA @ NOCT	INE-325-6MA	INE-330-6MA	INE-335-6MA	INE-340-6MA
Maximum Power-P _{MAX} (Wp)	242	246	250	253
Maximum Power Voltage-V _{MPP} (V)	34.5	34.9	35.1	35.2
Maximum Power Current-Impp (A)	6.69	7.04	7.12	7.19
Open Circuit Voltage-Uoc (V)	42.9	43.0	43.1	43.2
Short Circuit Current-Isc (A)	7.19	7.49	7.56	7.63

NOCT: Irradiance at 800 W/m², Ambient Temperature 20°C, Wind Speed 1 m/s.

MECHANICAL DATA

Solar cells	Monocrystalline 156 × 156 mm
Cell orientation	72 cells (6 × 12)
Module dimensions	1956 x 992 x 40 mm
Weight	27.6 kg
Glass	High Transparency, Anti-Reflective, AR Coated and Heat Tempered Solar Glass - 4.0mm
Backsheet	White
Frame	Silver Anodized Aluminium Alloy (Black Available)
J-Box	IP 67 rated
Cables	Photovoltaic Technology cable 4.0 mm², 900mm(Customized Available)
Connector	MC4 Compatible

TEMPERATURE RATINGS

Nominal Operating Cell Temperature (NOCT)	44°C (±2°K)	
Temperature Coefficient of PMAX	- 0.40%/K	
Temperature Coefficient of Voc	- 0.31%/K	
Temperature Coefficient of Isc	0.05%/K	

	Operational Temperature	-40~+85°C
	Maximum System Voltage	1000V DC (IEC)
	Max Series Fuse Rating	15A
	Mechanical Load	5400pa

2400pa

PACKAGING CONFIGURATION

Modules per box: 26 pieces Modules per 40' container: 572 pieces

WARRANTY

Wind Load

MAXIMUM RATINGS

12 year workmanship warranty
25 year linear performance warranty
(Please refer to product warranty for details)

INSURANCE

Product liability insurance with CHUBB Group

Product performance(E&O)insurance CHUBB Group