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enviro

Solar Module

ENVIRO-PVM6/PVC-75/100/150/250/315

ENVIRO-PVM6/PVC Series consist of PV Modules with power ratings ranging from 75Wp to 315Wp

The high performance Poly-Crystalline Modules are designed for on-grid as well as off-grid applications.

KEY FEATURES

- High module output power
- Positive power tolerance
- Highly reliable Anti-reflective coated glass
- Extremely reliable product suiting all environment conditions
- Product warranty - upto 10 years
- Power Output warranty - upto 25 years



- IEC Certified- 61215, 61730, 61701
- ISO 9001:2008/ Quality Management System
- ISO 14001/ Environmental Management

**Performance under standard test conditions
(1000W/m² AM1.5, 25°C)**

	ENVIRO PVM6/PVC-75	ENVIRO PVM6/PVC-100	ENVIRO PVM6/PVC-150	ENVIRO PVM6-250	ENVIRO PVM6-315
Rated power (Pmax), Wp	75	100	150	250	315
Max power voltage (Vmp),V	19.12	19.12	18.61	31.02	36.92
Max power current (Imp),A	3.92	5.23	8.06	8.06	8.55
Open circuit voltage (Voc), V	22.68	22.68	22.19	36.99	46.15
Short circuit current (Isc), A	4.20	5.60	8.62	8.62	8.91
Module efficiency (%)	14.58	14.90	15.12	15.37	16.26
Number of cells	4*9	4*9	4*9	6*10	6*12

Physical Parameters

Module dimensions (mm)	770*668	1005*668	1485*668	1640*992	1957*990
Module thickness (mm)	35	35	35	35	40
Approximate weight (kg)	6.1	9.7	11.6	18.6	21.5

Operating Conditions

Ambient temperature, °C	-40 to +85
Maximum system voltage, Vdc	1000
Hail impact velocity, m/sec	23
Maximum surface load capacity, Pascals	5400

Cell Temperature Coefficients

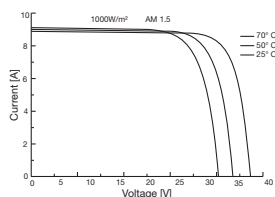
Open circuit voltage	-0.30 % / °C
Short circuit current	+0.05 % / °C
Nominal power	-0.40 % / °C

Mechanical Characteristics

Pv connectors	MC4/MC4 (Compatible)/TYCO
Frame	Silver Anodized Aluminum Alloy
Junction box	IP67 Junction Box
Glass	3.2mm Thick Low Iron Tempered

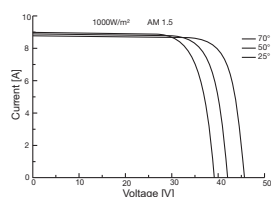
ENVIRO PVM6-250

IV-Curves

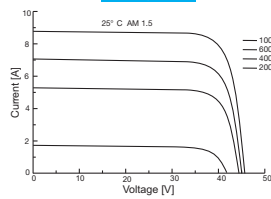
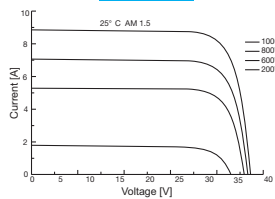


ENVIRO PVM6-315

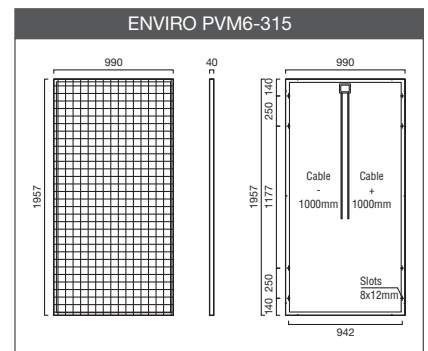
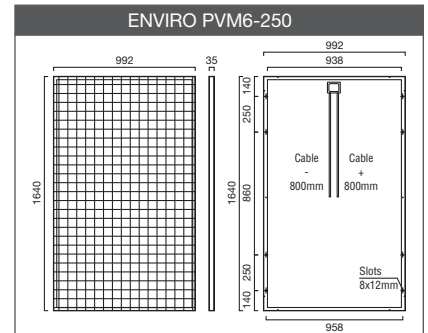
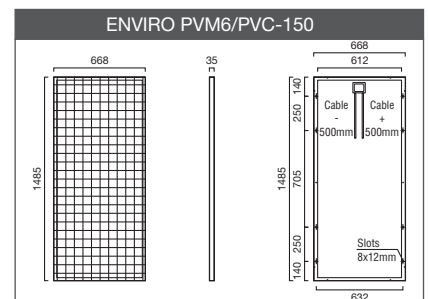
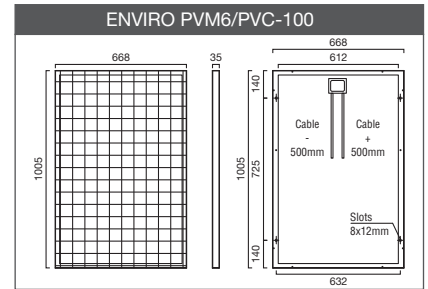
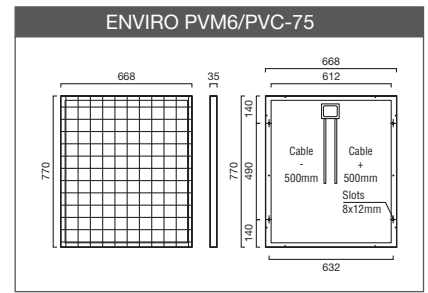
IV-Curves



I-V Curves of PV Module



Solar Module Dimension



LP/ZHLRC00046/SEP-17

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