



HAVELLS

enviro
HARNESSING LIGHT. HARVESTING ENERGY.

HAVELLS ENVIRO SOLAR PV MODULE

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

- High Efficiency Solar PV Module
- Made In India
- 5 & 10 years Standard Warranty
- 25 years Linear output warranty



ELECTRICAL CHARACTERISTICS

Wattage	110 Wp	165 Wp	180 Wp	200 Wp
Cell Type	Polycrystalline	Polycrystalline	Monocrystalline	Polycrystalline
Model Name	ENVIRO-PVC12-0110	ENVIRO-PVC12-0165	ENVIRO-PVM12-0180	ENVIRO-PVC12-0200
Rated power (Pmax), Wp	110	165	180	200
Max power voltage (Vmp), V	18.7	19	19.65	18.5
Max power current (Imp), A	5.9	8.71	9.18	10.85
Open circuit voltage (Voc), V	22.92	23.04	24.35	22.4
Short circuit current (Isc), A	6.25	9.2	9.5	11.55
Module efficiency (%)	15.60%	15.70%	16.50%	15%
Number of cells	36 (9*4)	36 (9*4)	36 (9*4)	36 (9*4)

PHYSICAL PARAMETERS

Module dimensions (mm)	1018 x 670 x 35	1495 x 670 x 35	1495 x 670 x 35	1340 x 991 x 35
Approx. Weight (kg)	11.6 kg	12.5 kg	12.5 kg	15 kg
Glass	3.2 toughened textured glass			
Frame	Anodized aluminum alloy			
Junction Box	IP 65			
STC	Under Standard Test Condition (STC) of radiance of 1000 w/m ² , spectrum AM 1.5 and cell temperature of 25°c			
Maximum system voltage, Vdc	1000 V DC			
Maximum surface load capacity	5400 Pa			
Operating Conditions	- 40 to + 80 Deg C			



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Solar mCatalogue



Havells India Ltd.

Corp. Office : QRG Towers, 2D, Sector -126, Expressway, Noida - 201 304 (UP),

Ph. +91-120-3331000, E-mail: marketing@havells.com, www.havells.com

Customer Care No.: 08045 77 1313

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CIN - L31900DL1983PLC016304.



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