



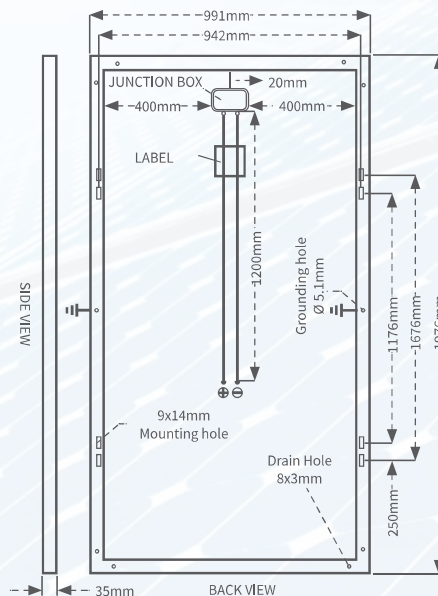
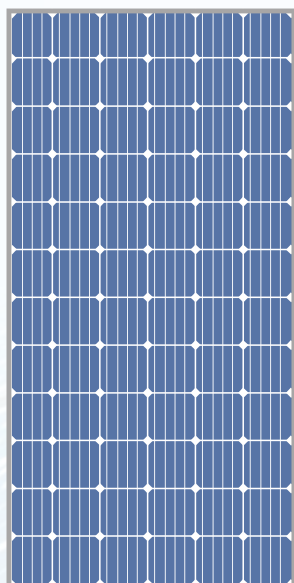
HAVELLS

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HARNESSING LIGHT. HARVESTING ENERGY.

HAVELLS ENVIRO SOLAR PV MODULE

MONO PERC TECHNICAL DATASHEET -
ENVIRO-PVMP-375 | 380

- High Efficiency Mono PERC Solar PV Module
- Made In India
- BIS Approved & IEC certified
- 25 years Linear Output warranty
- 1500 V DC



IS 14286 : 2010 / IEC 61215 : 2005,
IS/IEC 61730 (PART 1): 2004 &
IS/IEC61730 (PART2)



R-63002011

www.bis.gov.in

CERTIFICATION

- IEC 61215 -1 : 2016, 61215 - 2 : 2016
- IEC 61730 -1 : 2016, 61730 - 2 : 2016
- IEC 61701 : 2011
- IEC 60068 - 2 - 68 : 1994
- IEC 62716 : 2013
- IEC TS 62804 - 1 : 2015

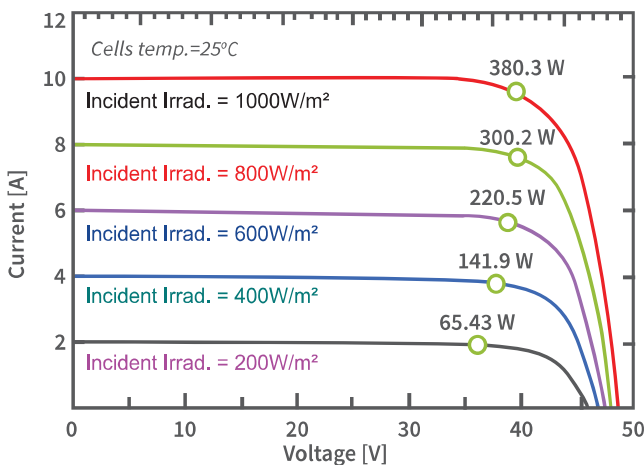
ELECTRICAL CHARACTERISTICS

Model No.	ENVIRO-PVMP-375	ENVIRO-PVMP-380
Wattage Wp	375	380
Voltage at Max Power, Vmax	38.90	39.90
Open circuit Voltage, Voc	46.64	47.98
Current at max Power, Imax	9.64	9.72
Short Circuit Current, Isc	10.24	10.32
Fill factor	78.54	78.80
Module Efficiency	19.35	19.58
Operating Temperature (°C)	-40 °C ~ +85 °C	-40 °C ~ +85 °C
Maximum System Voltage	1500 V dc (IEC)	1500 V dc (IEC)
Maximum series fuse rating	20 A	20 A
Power Tolerance	(0, +5)	(0, +5)
Temperature Co-efficients of Pmax	-0.41% / C	-0.41% / C
Temperature Co-efficients of Vmax	-0.33% / °C	-0.33% / °C
Temperature Co-efficients of Isc	+0.03% / C	+0.03% / C
Normal operating cell temperature (NOCT)	45+2 °C	45+2 °C
STC: Irradiance 1000 W/m ²	AM = 1.5	AM = 1.5

MECHANICAL CHARACTERISTICS

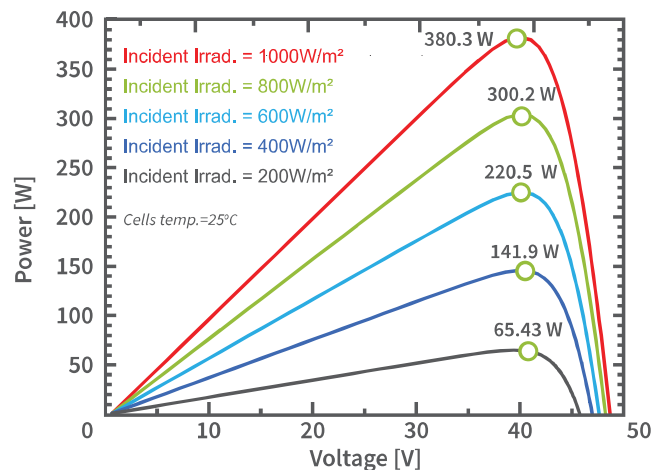
Cell Type	Mono perc 156.75 mm x 156.75 mm (6.17 inches)
No of Cells	72 (6 x 12)
Dimensions	1976 mm x 991 mm x 35 mm (77.795 x 39.01 x 1.57 inch)
Weight	22.5 kg (51.80 lbs.)
Front Glass	3.2 mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	4.0 Sqm, Length : 1200 mm
Connector	MC4 Compatible
Maximum Snow Load	550 Kg/m ²
Maximum wind Load	200 Km/h
Hailstone Impact test	80 Km / h for 25 mm ice ball

PV MODULE : ENVIRO-PVMP-380



Current - Voltage curves

PV MODULE : ENVIRO-PVMP-380



Power - Voltage curves

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Havells
Solar mCatalogue



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CIN - L31900DL1983PLC016304.



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