

ASPL P72

280W

Ajit Solar Pvt. Ltd

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Electrical Characteristics

Nominal Power	Pm(Wp)	280
Power tolerance	%	±3
Rated Voltage	Vm(V)	35.5
Rated Current	Imp(I)	7.88
Open Circuit Voltage	Voc(V)	44.5
Short Circuit Current	Isc(I)	8.30
Cell Efficiency	%	16
Module Efficiency	%	14
Max. System Voltage	VAC	1000

Absolute Ratings

Dielectric Insulation Voltage 3000max,VDC

Operating Temperature -40 to +85oC

Storage Temperature -40 to +85oC

Maximum Mechanical load 5400N/m2

Mechanical Characteristics

Module Dimensions 1990x995x42

Weight 25kg

Cables Characteristics 4mm2, TUV certified,
1000mm

Glass, Type & Thickness High Transmission, Low
Iron, Tempered, 4mm

Constructive Details

Cell Configuration 72

Cell Size 6"x6"

Frame Size 1990x995x42

No of Bypass diodes 3pcs

Max.Series fuse Rating 15A

Junction Box Protection IP 65

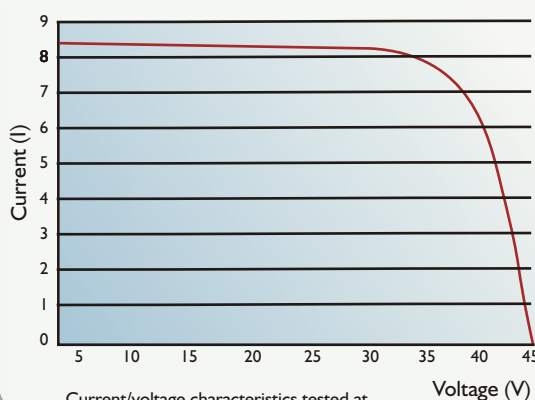
Packing Configuration

Packing Configuration 23pcs/box

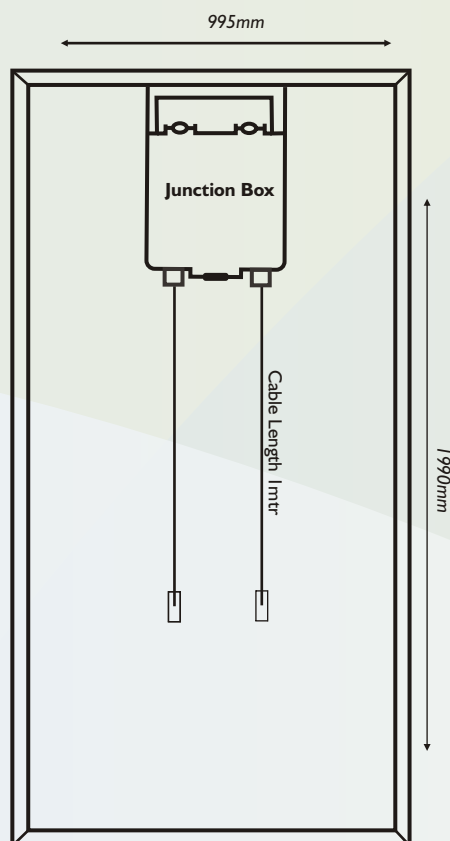
Quantity/Pallet 25pcs/pallet

Loading Capacity 560pcs/40ft

IV Curve



Current/voltage characteristics tested at
irradiance 1000W/m², AM 1.5 And 25°C



Nominal rating at STC: 100W/m² AM 1.5. 25°C.
Electrical Parameter Tolerance +/-3%.
Due to its policy of constant development, ASPL
reserves the right to modify technical data without
prior notice.

Warranty

60 months limited product workmanship warranty
12 year limited power warranty (for 90% of NP)
25 years limited power warranty (For 80% of NP)

Certificates

*IEC 61215, Safety Tested IEC 61730, CE Marking
UL 1703, CEC Listing & class C Fire Rating