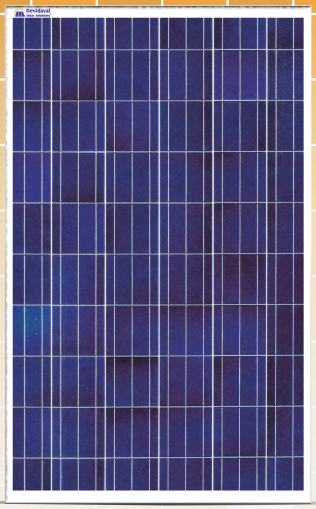
POLY 100Wp
Solar Panel

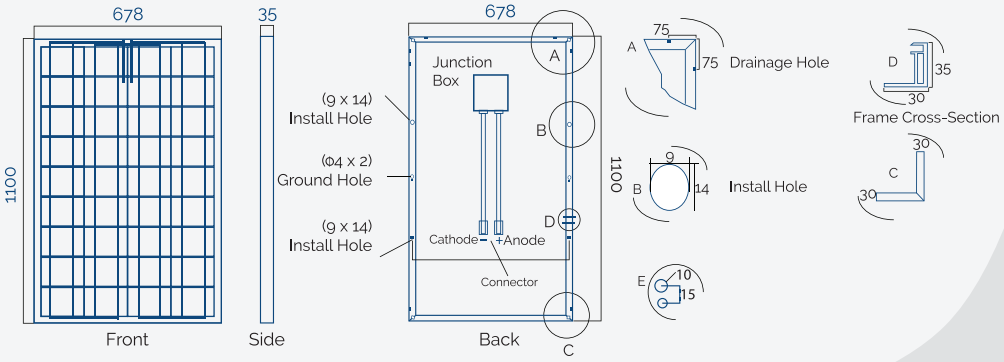


DDS100M

FEATURES

- Superior Module Efficiency as per International Benchmarks
- Salt mist, Ammonia, Blowing Sand and Water Resistant
- Power Tolerance 0/+ 5%
- Sustain Heavy Wind & Rain loads
- PID Free Modules with long term reliability
- IP 67 rated MC4 compatible connectors
- Glass with Anti Reflective Coating Improves high transmission
- Excellent Performance in low light
- Sand and Dust Resistant
- Power output warranty 10 years 90%, 25 years 80%

DIMENSIONS



ADDITIONAL FEATURES

- High conversion efficiency
- Low power tolerance of 0~+3%
- Low degradation under light exposure
- Passing IEC 61215 2400Pa mechanical load test

QUALITY AND SAFETY

- 1 year warranty on product materials and processing technology
- Power output warranty 10 years 90%, 25 years 80%
- ISO 9001:2008(Quality Management System) certified factory
- IEC61215,IEC61730 ,MCS CEC certified products
- TUV,CE conformity

APPLICATIONS

- On-grid residential roof-tops
- On-grid commercial/industrial roof-tops
- Solar Power Plants
- Other on-grid applications
- Off-grid system

SPECIFICATION

Model Name	DDS100M
Peak Power(Pmax)	100.00
Maximum Power Voltage(Vmp)	18.50
Maximum Power Current(Imp)	5.43
Open Circuit Voltage(Voc)	22.14
Short Circuit Current(Isc)	5.78
Cells Efficiency(%)	16.22
Module Efficiency(%)	13.41%
Maximum System Voltage(V)	1000
Maximum Series Fuse Rating(A)	15
Power Tolerance	0~+3%
Pmax Temperature Coefficients(W/˚C)	-0.450%
Voc Temperature Coefficients(V/˚C)	-0.350%
Isc Temperature Coefficients(A/˚C)	+0.040%
NOCT Nominal Operating Cell Temperature(˚C)	47±2
Operating and Storage Temperature(˚C)	-40~+85
Standard Test Condition(STC)	1.000W/.m^2; AM 1.5;25+/-2˚C

ADDITIONAL SPECIFICATIONS

Cell Type	Poly-Crytalline 156 x 113
No. of Cells	36(4 x 9)
Dimensions	1100 x 678 35mm
Weight	8.80Kgs
Front Glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminium Alloy
Junction Box	IP65 Rated
OutPut Cables	4.0mm^2 Length 90mm, MC4 connector
Quantity/Cartons	5pcs