

Solar Modules monocrystalline



EPLY 125 Series Monocrystalline Silicon Solar Module

Features and benefits

- Applicable for grid connected and 24V stand-alone systems
 - Outstanding low-light performance
 - Power warranties: 25 years (80%), 10 years (90%)
 - 5 years product guarantee
 - Power tolerance +/-3%
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- Fast and inexpensive mounting:
Delivered ready for connection with TUV certified plug-in connectors
 - Junction box(IP65)with integrated bypass diodes(3pcs.),4mm² solar cables(2pcs.), rapid heat dissipation and reliable heat durability
 - Modules are protected against environmental stress like sliding snow and ice floes by firm attachment of the module frame and glass together by continuously applied silicone
 - 72 monocrystalline cells (125mm X 125mm)
 - Operating temperature -40 C° to +85 C°



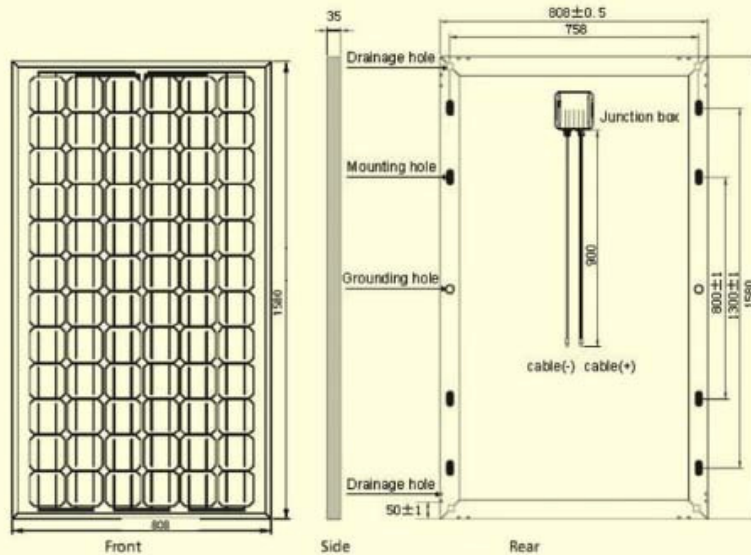
Quality and certificate

- Manufactured in an ISO 9001:2000 certified plant
- CE;IEC61215;IEC61730;TUV (projected)
- Optical, mechanical and electrical module test

SPECIFICATIONS

Type/Model	EPly125S-	EPly125S-	EPly125S-	EPly125S-	EPly125S-	EPly125S-
	160/72	165/72	170/72	175/72	180/72	185/72
Dimension L x W x T(mm)	1580 x 808 x 35					
Individual cell dimension L x W (mm)	125 x 125					
Total number of cells	72					
Number of cells in series	6					
Number of series in parallel	12					
Voc (V)	42.55	42.59	43.35	43.39	43.44	43.47
Isc (A)	4.79	4.92	4.99	5.12	5.27	5.4
Vmp (V)	35.51	35.54	36.18	36.21	36.25	36.28
Imp (A)	4.51	4.64	4.7	4.83	4.97	5.1
Pmp (W)	160	165	170	175	180	185
NOCT (Deg C.)	48°C±2°C					
Maximum System Voltage	1000VDC					
Weight(kg)	15.3					
Cell class	A					
short-circuit current temperature coefficient	0.017%/K					
Open-circuit voltage temperature coefficient	-0.34%/K					
Peak power temperature coefficient	-0.48%/K					
Module efficiency	12.54%	12.93%	13.32%	13.71%	14.10%	14.48%
Cell efficiency	15%	15.40%	15.67%	16.34%	16.81%	17.28%
Substrate: dimension L x W x T(mm)	1574 x 802 x 3.26					
Note	Dimension can be adjusted by customer's requirement					

EPly125S-185/180/175/170/165/160



ALL DIMENSIONS IN mm

- 1 Front:tempered solar glass 3.2mm
- 2 EVA
- 3 72 monocrystalline solar cell 125mmx125mm
- 4 EVA
- 5 Rear:laminat(weatherproof and waterproof)back sheet

