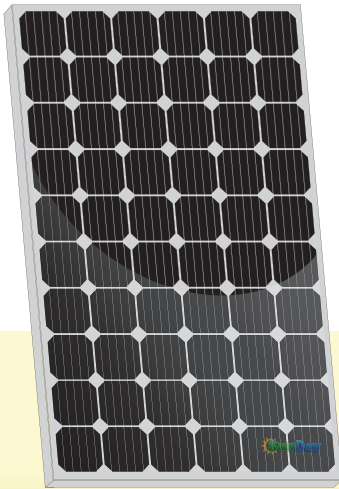


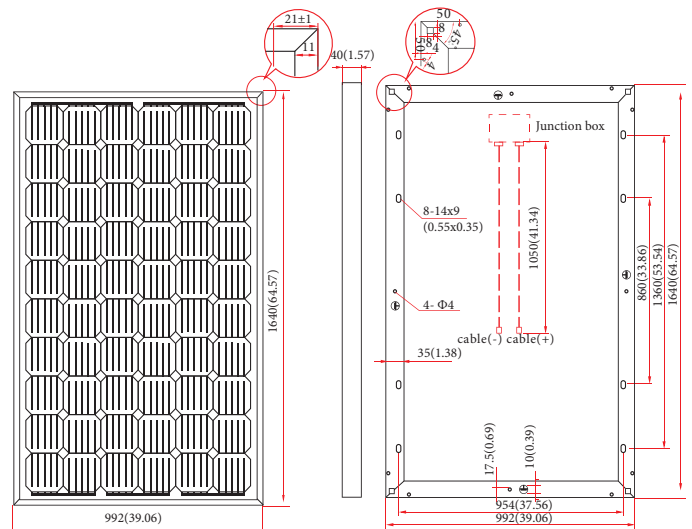
MONOCRYSTALLINE

MODULE 260W - 300W



SOLAR MODULE:
SDM-260, SDM-265, SDM-270, SDM-275,
SDM-280, SDM-285, SDM-290, SDM-295,
SDM-300

PHYSICAL CHARACTERISTICS Unit: mm (inch)



ELECTRICAL SPECIFICATIONS

Model Type	SDM-260	SDM-265	SDM-270	SDM-275	SDM-280	SDM-285	SDM-290	SDM-295	SDM-300
Nominal Maximum Power (Pmax)	260W	265W	270W	275W	280W	285W	290W	295W	300W
Optimum Operating Voltage (Vmp)	31.25V	31.30V	31.50V	31.70V	31.80V	32.00V	32.20V	32.42V	32.67V
Optimum Operating Current (Imp)	8.32A	8.47A	8.57A	8.68A	8.81A	8.91A	9.01A	9.10A	9.19A
Open Circuit Voltage (Voc)	37.78V	37.40V	37.60V	37.80V	38.00V	38.20V	38.40V	38.60V	38.80V
Short Circuit Current (Isc)	8.83A	9.08A	9.20A	9.33A	9.45A	9.57A	9.68A	9.75A	9.88A
Module Efficiency	15.88%	16.30%	16.60%	16.90%	17.20%	17.60%	17.90%	18.02%	18.44%
Cell Efficiency	18.10%	18.60%	18.90%	19.10%	19.20%	19.50%	19.80%	20.10%	20.47%
Power Tolerance	0 to +6W								
Maximum System Voltage	DC 1000V								
Operating Temperature	-40°C ~ +85°C								
Maximum Series Fuse Rating	20A								
Number of Bypass Diode	3								

MECHANICAL

DATA	Cell Type
Cell Arrangement	156mm x 156mm
Dimensions	60 cells in series
Weight	1640 x 992 x 40 mm
Front Cover	18.00kg
Frame Material	3.2mm tempered glass
J- Box	Anodized aluminium alloy
Cable	IP67, 3 diodes
Connectors	4mm (IEC) / 12AWG (UL), 1000mm (650mm is optional)
	MC4 or MC4 compatible

ЭЛЕКТРИЧЕСКИЕ ХАРАКТЕРИСТИКИ

ХАРАКТЕРИСТИКИ ТЕМПЕРАТУРЫ

Коэффициент температуры (Pmax)	-0.420% / °C
Коэффициент температуры (Voc)	-0.346% / °C
Коэффициент температуры (Isc)	0.065% / °C
Номинальная рабочая температура ячейки	45.3 ± 2 °C

(SDM-300)

Характеристики постоянного тока (кривые I-V)

