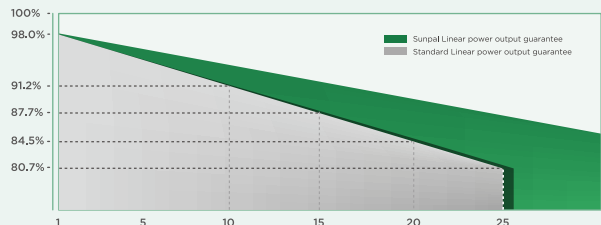


Customized Mono Solar Panel

140-300W

182mm 32/66 Cells High Efficiency Monocrystalline PV Module

- Excellent power generation performance**
Guaranteed 0-+3% positive rated power tolerance ensures more power generation every day
- Stable mechanical performance**
Passed rigorous hail test
Withstands 5400Pa snow and 2400Pa wind loads
- Low-light Performance**
Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments.
- Long weather resistance**
Excellent anti-PID(Potential Induced Degradation)
Certified in fireproofing for safety
- Lower temperature coefficient**
Improved temperature coefficient decreases power loss in the high temperature application.
- Superior quality control**
ISO 9001:2015 Quality Management System
100% EL and appearance inspection



Complete System and Product Certifications

IEC 61215, IEC 61730, UL 61730
 ISO 9001:2008: ISO Quality Management System
 ISO 14001: 2004: ISO Environment Management System
 OHSAS 18001: 2007 Occupational Health and Safety



140~300W

Design (mm)

Cell Orientation	32 (4x8)/66 (6x11)
Junction Box	IP68, three diodes
Output Cable	4mm ² , 300mm in length length can be customized
Glass	Single glass 3.2mm coated tempered glass
Frame	Anodized aluminum alloy frame
Fire Rating	UL type 1 or 2
Max. System Voltage	DC1500V(IEC/UL)

Operational Temperature	-40°C~+85°C
Power Output Tolerance	0~+5W
Voc & Isc Tolerance	±3%
	20A
Max. Series Fuse Rating	45±2°C
Frame	Anodized aluminum alloy frame
Max. Static Load(Front)	5400Pa
Max. Static Load(Back)	2400Pa

140W-190W ELECTRICAL DATA(STC)

Model Number	SP140M-32	SP150M-32	SP160M-32	SP170M-32	SP180M-32	SP190M-32
Testing Condition	STC	STC	STC	STC	STC	STC
Maximum Power (Pmax/W)	140	150	160	170	180	190
Open Circuit Voltage (Voc/V)	22.00	21.80	22.06	21.85	22.08	22.06
Short Circuit Current (Isc/A)	7.68	8.42	8.66	9.47	9.72	10.29
Voltage at Maximum Power (Vmp/V)	19.16	18.79	19.37	18.89	19.41	19.37
Current at Maximum Power (Imp/A)	7.31	7.98	8.26	9.00	9.27	9.81
Module Weight (Kg)	7.77	8.56	8.56	9.55	9.55	10.18
Module Dimension (mm)	935*765*30	1030*765*30	1030*765*30	1150*765*30	1150*765*30	1225*765*30

200W-245W ELECTRICAL DATA(STC)

Model Number	SP200M-32	SP210M-32	SP220M-32	SP230M-32	SP240M-32	SP245M-66
Testing Condition	STC	STC	STC	STC	STC	STC
Maximum Power (Pmax/W)	200	210	220	230	240	245
Open Circuit Voltage (Voc/V)	22.08	21.57	21.74	21.94	22.08	45.47
Short Circuit Current (Isc/A)	10.80	12.02	12.45	12.71	12.96	6.45
Voltage at Maximum Power (Vmp/V)	19.41	18.52	18.66	19.03	19.41	39.85
Current at Maximum Power (Imp/A)	10.30	11.34	11.79	12.09	12.36	6.15
Module Weight (Kg)	10.18	12.60	12.60	12.60	12.60	13.50
Module Dimension (mm)	1225*765*30	1515*765*30	1515*765*30	1515*765*30	1515*765*30	1070*1135*35

250W-300W ELECTRICAL DATA(STC)

Model Number	SP250M-66	SP260M-66	SP270M-66	SP280M-66	SP290M-66	SP300M-66
Testing Condition	STC	STC	STC	STC	STC	STC
Maximum Power (Pmax/W)	250	260	270	280	290	300
Open Circuit Voltage (Voc/V)	44.52	44.67	44.87	45.14	45.44	45.54
Short Circuit Current (Isc/A)	6.97	7.19	7.39	7.54	7.66	7.85
Voltage at Maximum Power (Vmp/V)	38.11	38.26	38.56	39.09	39.77	40.04
Current at Maximum Power (Imp/A)	6.56	6.80	7.00	7.16	7.29	7.49
Module Weight(Kg)	16.00	16.00	16.00	16.00	16.00	16.00
Module Dimension (mm)	1270*1135*35	1270*1135*35	1270*1135*35	1270*1135*35	1270*1135*35	1270*1135*35