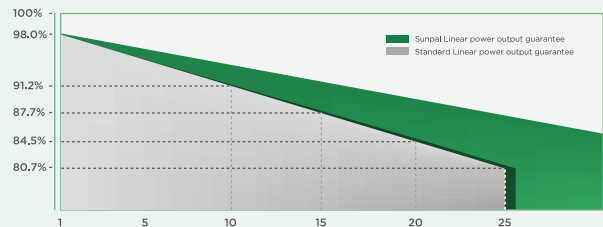


Customized Mono Solar Panel

40-130W

182mm 32 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



Design (mm)

Cell Orientation	32 (4x8)	Operational Temperature	-40°C~+85°C
Junction Box	IP68, three diodes	Power Output Tolerance	0~+5W
Output Cable	4mm ² , 300mm in length length can be customized	Voc & Isc Tolerance	±3%
Glass	Single glass 3.2mm coated tempered glass	Max. Series Fuse Rating	20A
Frame	Anodized aluminum alloy frame	Max. Static Load(Front)	45±2°C
Fire Rating	UL type 1 or 2	Max. Static Load(Back)	Anodized aluminum alloy frame
Max. System Voltage	DC1500V(IEC/UL)		5400Pa
			2400Pa

40W-60W ELECTRICAL DATA(STC)

Model Number	SP40M-32	SP45M-32	SP50M-32	SP55M-32	SP60M-32
Testing Condition	STC	STC	STC	STC	STC
Maximum Power (Pmax/W)	40	45	50	55	60
Open Circuit Voltage (Voc/V)	21.28	21.83	21.42	21.73	22.06
Short Circuit Current (Isc/A)	2.34	2.51	2.91	3.11	3.25
Voltage at Maximum Power (Vmp/V)	18.24	18.85	18.37	18.66	19.37
Current at Maximum Power (Imp/A)	2.19	2.39	2.72	2.95	3.10
Module Weight(Kg)	2.80	2.80	3.43	3.43	3.43
Module Dimension (mm)	655*395*30	655*395*30	800*395*30	800*395*30	800*395*30

65W-90W ELECTRICAL DATA(STC)

Model Number	SP65M-32	SP70M-32	SP75M-32	SP80M-32	SP90M-32
Testing Condition	STC	STC	STC	STC	STC
Maximum Power (Pmax/W)	65	70	75	80	90
Open Circuit Voltage (Voc/V)	21.37	21.51	21.80	22.06	21.80
Short Circuit Current (Isc/A)	3.80	4.06	4.21	4.33	5.05
Voltage at Maximum Power (Vmp/V)	18.30	18.43	18.79	19.37	18.79
Current at Maximum Power (Imp/A)	3.55	3.80	3.99	4.13	4.79
Module Weight(Kg)	4.53	4.53	4.53	4.53	5.32
Module Dimension (mm)	545*765*30	545*765*30	545*765*30	545*765*30	640*765*30

95W-130W ELECTRICAL DATA(STC)

Model Number	SP95M-32	SP100M-32	SP110M-32	SP120M-32	SP130M-32
Testing Condition	STC	STC	STC	STC	STC
Maximum Power (Pmax/W)	95	100	110	120	130
Open Circuit Voltage (Voc/V)	22.06	21.42	21.72	22.08	21.71
Short Circuit Current (Isc/A)	5.14	5.82	6.24	6.48	7.39
Voltage at Maximum Power (Vmp/V)	19.37	18.37	18.63	19.41	18.60
Current at Maximum Power (Imp/A)	4.90	5.44	5.90	6.18	6.99
Module Weight(Kg)	5.32	6.52	6.52	6.52	7.77
Module Dimension (mm)	640*765*30	785*765*30	785*765*30	785*765*30	935*765*30