



M10 Monocrystalline Series 50W-350W

Products Characteristics

-  Widely using of the most popular and mature type of modules for off-grid system.
-  Leading manufacturing technology in PV industry, strictly controlling the quality of raw materials and the process of producing.
-  100% EL inspection, ensures modules are defects free.
-  Cells binned by current to improve module performance.
-  Anti reflective glass. Not only to increase the light absorption, but also to make the module has the function of self-cleaning in water environment, effectively reducing the power loss caused by dust.
-  Outstanding performance in low-light irradiance environments.
-  Excellent mechanical load resistance: Certified to withstand high wind loads(2400pa) and snow loads(5400pa).
-  High salt and ammonia resistance.
-  Positive power tolerance: 0~+5w.

Warranty



5 year product warranty.



10-years 90% of Min. rated output power, and 25-years 80% of Min. rated output power warranty.

Comprehensive Certificates

- ◆ ISO Certificate
- ◆ SGS-TUV Certificate
- ◆ CQC Certificate
- ◆ IEC61215、IEC61730 Certificate
- ◆ CE Certificate



*Specifications subject to technology and test conditions, EPEVER reserves the right of final interpretation.

	Model No.	Pmax (W)	Dimension(mm)	Weight (kg)	Power Tolerance	Operating Temperature	Junction-Box	Application Grade	Packing	Cell Efficiency	Voc (V)	Vmp (V)	Isc (A)	Imp (A)	Cell Size (mm)
	M10-32-50	50W	640x400x25x25	2.8	0-+5W	-45~+80℃	IP65/IP67	ClassA	8pieces/box	25.5%	24.9	20.4	2.60	2.46	182x35
	M10-33-60	60W	530x580x25x25	3.4	0-+5W	-45~+80℃	IP65/IP67	ClassA	8pieces/box	25.5%	25.7	21.0	3.03	2.86	182x42
	M10-33-70	70W	620x580x25x25	4.0	0-+5W	-45~+80℃	IP65/IP67	ClassA	6pieces/box	25.5%	25.7	21.0	3.54	3.34	182x50
	M10-36-80	80W	670x580x25x25	4.3	0-+5W	-45~+80℃	IP65/IP67	ClassA	6pieces/box	25.5%	24.9	20.4	4.16	3.93	182x50
	M10-33-90	90W	800x580x25x25	5.1	0-+5W	-45~+80℃	IP65/IP67	ClassA	6pieces/box	25.5%	25.7	21.0	4.55	4.29	182x66.3
	M10-33-100	100W	840x580x25x25	5.4	0-+5W	-45~+80℃	IP65/IP67	ClassA	4pieces/box	25.5%	25.7	21.0	5.05	4.77	182x70
	M10-32-150	150W	900x765x25 x25	7.6	0-+5W	-45~+80℃	IP65/IP67	ClassA	4pieces/box	25.5%	24.9	20.4	7.80	7.36	182x105
	M10-36-175	175W	1010x765x25x25	8.5	0-+5W	-45~+80℃	IP65/IP67	ClassA	4pieces/box	25.5%	27.7	22.7	8.18	7.72	182x105
	M10-40-200	200W	1120x765x25x25	10.2	0-+5W	-45~+80℃	IP65/IP67	ClassA	4pieces/box	25.5%	30.3	25.5	8.31	7.84	182x105
	M10-44-220	220W	1220x765x25x25	11.4	0-+5W	-45~+80℃	IP65/IP67	ClassA	4pieces/box	25.5%	33.0	27.7	8.42	7.94	182x105
	M10-32-280	280W	1670x765x30x25	14.3	0-+5W	-45~+80℃	IP65/IP67	ClassA	36pieces/Pallet	24.6%	23.8	20.0	14.84	14.00	182x199
	M10-32-285	285W								25.0%	24.0	20.2	14.96	14.11	
	M10-32-290	290W								25.5%	24.5	20.4	15.07	14.22	
	M10-32-290	290W	1740x765x30x25	14.9	0-+5W	-45~+80℃	IP65/IP67	ClassA	36pieces/Pallet	24.6%	23.8	20.0	15.37	14.50	182x210
	M10-32-295	295W								25.0%	24.0	20.2	15.48	14.60	
	M10-32-300	300W								25.5%	24.5	20.4	15.59	14.71	
	M10-36-320	320W	1870x765x30x25	16.0	0-+5W	-45~+80℃	IP65/IP67	ClassA	36pieces/Pallet	24.6%	26.5	22.3	15.21	14.35	182x199
	M10-36-325	325W								25.0%	26.8	22.5	15.31	14.44	
	M10-36-330	330W								25.5%	27.0	22.7	15.42	14.55	
	M10-36-340	340W	1956x765x30x25	16.8	0-+5W	-45~+80℃	IP65/IP67	ClassA	36pieces/Pallet	24.6%	26.5	22.3	16.16	15.25	182x210
	M10-36-345	345W								25.0%	26.8	22.5	16.25	15.33	
	M10-36-350	350W								25.5%	27.0	22.7	16.36	15.43	

Glass	3.2mm Tempered Glass
Encapsulation	EVA
Backsheet	Multilayer Composite
Aluminium-Frame	Silvery/Black Anodized aluminium alloy
Cable	NA, but customized is acceptable
Connector	NA, but MC4 and MC4 Compatible are acceptable
Maximum System Voltage	700V
Maximum Series Fuse	25A
Temperature Coefficient of Isc	+0.06%
Temperature Coefficient of Voc	-0.32%
Temperature Coefficient of Pmp	-0.45%
Standard Test Condition	Irradiance:1000W/M²,Cell Temperature:25℃,Spectrum AM:1.5

Engineering Drawings (Back Side)

