

OFF GRID PV MODULE

Mono-crystalline 36 Cells 10W-200W



Positive Tolerance 0~+5W



Enhanced Product Warranty
on Materials and Workmanship



Linear Power Performance
Warranty



KEY FEATURES



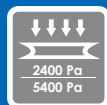
MULTI BUSBAR TECHNOLOGY
Better light trapping and current collection
to improve power and reliability.



PID RESISTANCE
Excellent Anti-PID performance guarantee
via production and materials control.



REDUCED HOT SPOT LOSS
Optimized electrical design and lower
operating current for reduced hot
spot loss and better temperature coefficient.



STABLE MECHANICAL PERFORMANCE
Withstands 5400Pa snow loads
and 2400Pa wind loads.

10W-50W Electrical Characteristics (STC)

Module Type	DC10M-36	DC20M-36	DC30M-36	DC40M-36	DC50M-36
Maximum Power (Pmax/W)	10	20	30	40	50
Voltage at Max. Power (Vmp/V)	18.0	18.1	18.2	18.4	18.6
Current at Max. Power (Imp/A)	0.56	1.11	1.65	2.18	2.69
Open Circuit Voltage (Voc/V)	22.2	22.4	22.6	22.8	23.0
Short Circuit Current (Isc/A)	0.60	1.19	1.76	2.32	2.89
Module Dimension (mm)	230×345×17	360×345×25	545×345×25	675×345×25	435×700×25
Module Weight (Kg)	0.80	1.40	2.0	2.6	3.2

60W-100W Electrical Characteristics (STC)

Module Type	DC60M-36	DC70M-36	DC80M-36	DC90M-36	DC100M-36
Maximum Power (Pmax/W)	60	70	80	90	100
Voltage at Max. Power (Vmp/V)	18.6	18.6	18.8	18.9	19.0
Current at Max. Power (Imp/A)	3.23	3.77	4.26	4.77	5.27
Open Circuit Voltage (Voc/V)	22.2	22.4	22.6	22.8	23.0
Short Circuit Current (Isc/A)	3.58	4.15	4.70	5.24	5.72
Module Dimension (mm)	535×670×30	560×700×30	670×670×30	770×670×30	810×700×30
Module Weight (Kg)	4.0	4.4	5.1	5.6	6.5

110W-150W Electrical Characteristics (STC)

Module Type	DC110M-36	DC120M-36	DC130M-36	DC140M-36	DC150M-36
Maximum Power (Pmax/W)	110	120	130	140	150
Voltage at Max. Power (Vmp/V)	19.2	19.0	19.2	19.2	19.0
Current at Max. Power (Imp/A)	5.73	6.32	6.78	7.30	7.90
Open Circuit Voltage (Voc/V)	23.2	23.0	23.2	23.2	23.0
Short Circuit Current (Isc/A)	6.22	6.86	7.36	7.92	8.58
Module Dimension (mm)	810×700×30	1015×670×30	1015×670×30	1060×700×30	1185×700×35
Module Weight (Kg)	6.5	7.6	7.6	8.5	9.5

160W-200W Electrical Characteristics (STC)

Module Type	DC160M-36	DC170M-36	DC180M-36	DC190M-36	DC200M-36
Maximum Power (Pmax/W)	160	170	180	190	200
Voltage at Max. Power (Vmp/V)	19.2	18.8	19.0	19.3	19.6
Current at Max. Power (Imp/A)	8.34	9.05	9.48	9.85	10.21
Open Circuit Voltage (Voc/V)	23.2	22.8	23.0	23.3	23.6
Short Circuit Current (Isc/A)	9.05	9.82	10.24	10.64	11.03
Module Dimension (mm)	1185×700×35	1490×670×35	1490×670×35	1490×670×35	1490×670×35
Module Weight (Kg)	9.5	11.5	11.5	11.5	11.5

STC (Standard Testing Conditions): Irradiance 1000W/m², Cell Temperature 25°C, AM1.5.



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Due to continuous innovation, R & D and product improvement, Sunway has the right to adjust the specs on this datasheet at any time without prior notice.