



Standard Series

- ▶ Ground power station, Parking shed, Factory roof, Facade
- ▶ Perfect low light performance, Low temperature coefficient, More Power-generation
- ▶ Superior anti-shading, Green, Low-carbon, Safe
- ▶ Smaller color deviation

Standard Series

Standard Test Condition

Model	CdTe-M1-330W	CdTe-M1-320W	CdTe-M1-310W	CdTe-M1-300W
Nominal power	330W	320W	310W	300W
Max. power current Pmax (W)	320	320	310	300
Power tolerance %	±3	±3	±3	±3
Max. power current Vmpp (V)	227	223	149	147
Max. power voltage Impp (A)	1.46	1.44	2.09	2.05
Open circuit voltage Voc (V)	272	271	187	185
Short circuit current Isc(A)	1.58	1.56	2.24	2.22
Fill factor FF	0.77	0.76	0.74	0.73
Conversion efficiency(%)	17.19	16.67	16.15	15.63
Reverse Current Tolerance Threshold	2.37	2.34	3.36	3.33

STC: irradiance 1000W/m², solar cell temperature 25°C, air mass AM1.5

Product certifications & Design standards

- IEC/EN 61215-2/IEC61730
- DIN V VDE 0126-3, DIN V VDE V 0126-5
- UL1703, ULC/ORD-C1703-1
- Security Level: Class II
- Fire Rating: Class A



Operation parameters

Max. system voltage	1500V
Operating temperature range	-40°C ~ +85°C
Max. static load (with frame testing)	Front View 2400Pa Back View 3600Pa
Hail test	Passed
Protection rating	IP67

Temperature coefficient

Nominal Module Operating Temperature	42.3 ± 2°C
Max. Temperature Coefficient of Pmax	-0.189%/°C
Max. Temperature Coefficient of Voc	-0.396%/°C
Max. Temperature Coefficient of Isc	+0.061%/°C

Attenuation coefficient

First year Attenuation	5%
The second year & afterwards	0.4%

Mechanical parameters

Size	1600mm*1200 mm
Thickness	6.9mm
Junction boxes	Integrated back-wiring junction box
Weight	32 kg
Bypass diode	HY6A10S
Structure	3.2mmCdTe+3.2mm