

MONO

ZJM

270W/265W/260W/255W/250W

CSE SOLAR
Power of the Future



High module conversion efficiency through superior manufacturing technology



Excellent performance under low light conditions (cloudy days, mornings and evenings)



Guarantee positive power tolerance



Module can bear snow loads up to 5400Pa and wind loads up to 3800Pa



Manufacturing facility certified by ISO 9001:2008, ISO 14001:2004



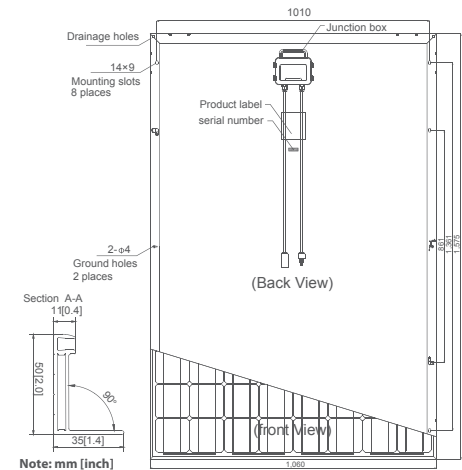
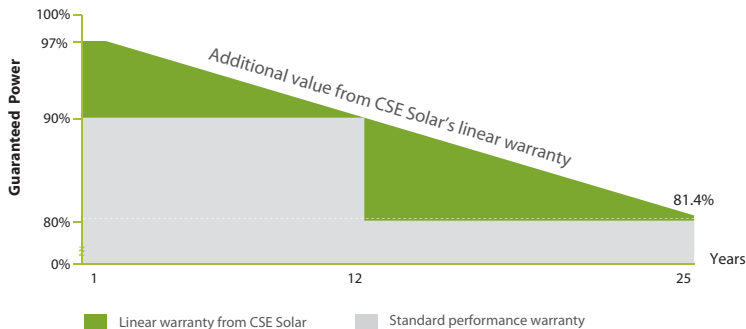
24-hour response service



Dimensions of Module

Industry-leading Linear Warranty

12 year product warranty | 25 year linear power warranty



Electrical Characteristics	ZJM270W	ZJM265W	ZJM260W	ZJM255W	ZJM250W
Peak Power Watts- P_{MAX} (Wp)	270	265	260	255	250
Power Output Tolerance- P_{MAX} (%)	+3	+3	+3	+3	+3
Module Efficiency- η_m (%)	16.2	15.9	15.6	15.3	15.0
Maximum Power Voltage- V_{mp} (V)	49.0	48.7	48.5	48.3	48.2
Maximum Power Current- I_{mp} (A)	5.51	5.44	5.36	5.28	5.19
Open Circuit Voltage- V_{oc} (V)	61.0	60.7	60.4	60.1	59.7
Short Circuit Current- I_{sc} (A)	5.82	5.77	5.69	5.62	5.56
Operating Temperature Range (°C)	-40~+85				
Maximum System Voltage (V)	1000V DC (IEC) / 600V DC (UL)				
Maximum Series Fuse Rating (A)	15				

Values at Standard Test Conditions (STC):1000W/m² Irradiance, AM 1.5, Solar spectrum and 25°C module temperature.

NOCT	ZJM270W	ZJM265W	ZJM260W	ZJM255W	ZJM250W
Peak Power Watts- P_{MAX} (Wp)	195	191	187	182	178
Maximum Power Voltage- V_{mp} (V)	44.3	44.1	43.9	43.6	43.5
Maximum Power Current- I_{mp} (A)	4.41	4.34	4.26	4.18	4.09
Open Circuit Voltage- V_{oc} (V)	56.3	56.0	55.7	55.5	55.1
Short Circuit Current- I_{sc} (A)	4.72	4.67	4.59	4.52	4.46

NOCT: open circuit module operation temperature at 800W/m² irradiance, 20°C ambient temperature, 1m/s wind speed.

Mechanical Data

Solar Cells	Monocrystalline 125*125 mm (5 inches)
Cells Orientation	96 cells (8*12)
Module Dimension	1575*1060*50 mm (62.01*41.73*1.97 inches)
Weight	20kg (44.09 lbs)
Front Glass	3.2 mm (0.13 inches) tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP 67 rated
Cable / Connector	Solar cable: 4.0mm ² (0.006 inches ²), 900mm (35.4 inches), MC4

Temperature Characteristics

Nominal Operating Cell Temperature (NOCT)	(45±2) °C
Temperature Coefficient of P_{MAX}	(-0.47±0.05) %/°C
Temperature Coefficient of V_{oc}	(-0.34) %/°C
Temperature Coefficient of I_{sc}	(0.45±0.01) %/°C

Packing Configuration

Container	20' GP	40' GP	40' HQ
Pieces per Pallet	36	36	42
Pallets per Container	6	14	14
Pieces per Container	216	504	588

Current-Voltage & Power-Voltage Curve

