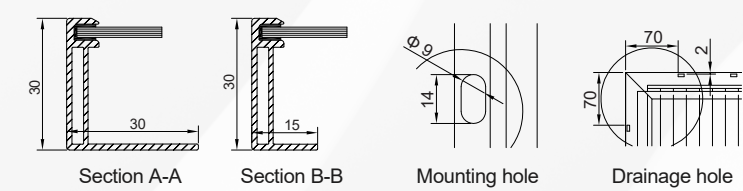
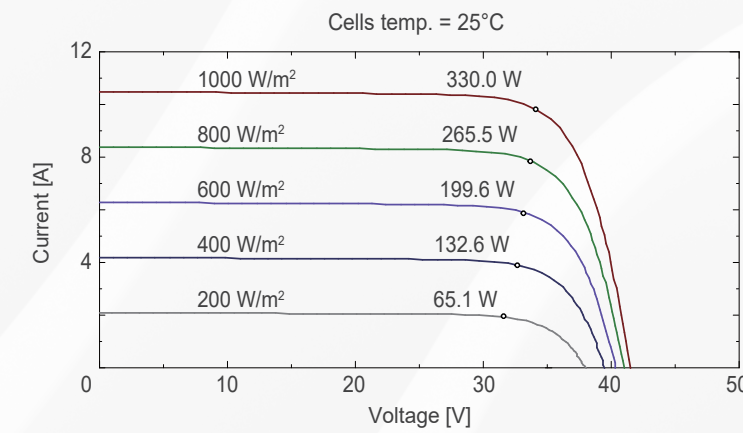
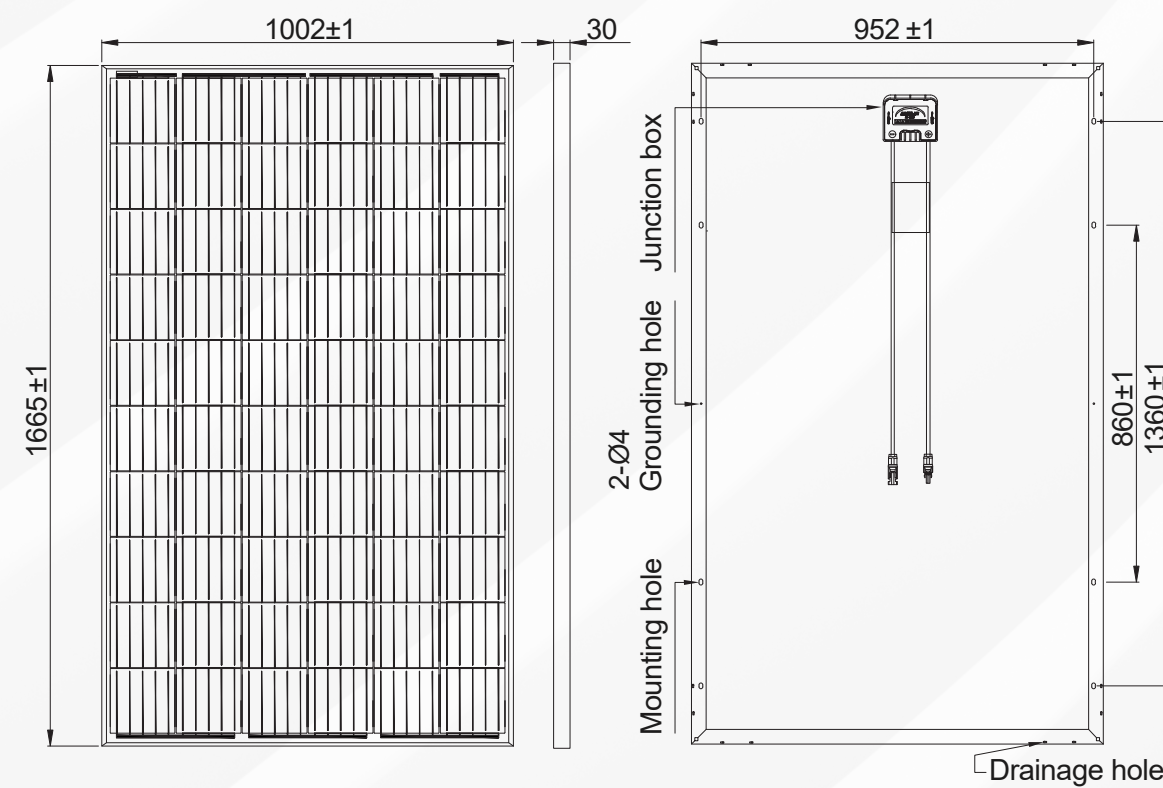


ECO-60M 315W-330W

P-TYPE PERC TECHNOLOGY PV MODULE



	Front	Side	Back		
Electrical specifications (STC*):					
Nominal max. power	P_{max} (Wp)	315	320	325	330
Maximum operating voltage	V_{MPP} (V)	33.19	33.40	33.61	33.81
Maximum operating current	I_{MPP} (A)	9.50	9.59	9.68	9.76
Open-circuit voltage	V_{oc} (V)	40.70	40.90	41.10	41.31
Short-circuit current	I_{sc} (A)	10.10	10.15	10.20	10.37
Module efficiency	η (%)	18.99	19.30	19.60	19.90
Power tolerance	(W)	0~+5			
Maximum system voltage	(V)	1500			
Maximum series fuse rating	(A)	15			

*STC: Standard Test Conditions (irradiance 1000 W/m², cell temperature 25°C and air mass of AM1.5), measurement tolerance P_{max} : ±3%

	Front	Side	Back		
Electrical specifications (NMOT*):					
Nominal max. power	P_{max} (Wp)	237	241	245	248
Maximum operating voltage	V_{MPP} (V)	31.20	31.40	31.60	31.80
Maximum operating current	I_{MPP} (A)	7.60	7.67	7.74	7.81
Open-circuit voltage	V_{oc} (V)	37.50	37.70	37.90	38.10
Short-circuit current	I_{sc} (A)	8.08	8.12	8.16	8.30

*NMOT: Normal Module Operating Temperature (irradiance 800 W/m², ambient temperature 20°C, air mass of AM1.5 and wind speed of 1 m/s)

Mechanical and design specification

Cell type	Mono c-Si PERC, full cells
No. of cells	60
Front cover	3.2 mm glass, high transmission, AR coated, tempered
Encapsulation	EVA
Back cover	Black backsheet
Junction box	IP68 rated, 3 bypass diodes
Frame	30 mm anodized aluminium alloy
Cable	1 x 4 mm ² , 900 mm length or customized
Connectors	MC 4 / MC 4 compatible
Dimension	1665 mm x 1002 mm x 30 mm
Weight	17.5 kg
Hail resistance	Max. Ø 25 mm at 23 m/s
Wind load	2400 Pa or 244 kg/m ²
Snow load	5400 Pa or 550 kg/m ²

Temperature ratings

Operating temperature	-40 to +85°C
Temp. coefficient of P_{max}	-0.37 %/°C
Temp. coefficient of V_{oc}	-0.28 %/°C
Temp. coefficient of I_{sc}	0.048 %/°C
Nom. operating cell temp. NOCT	45 ± 2°C

Packaging information

Packaging configuration	36 pcs / pallet
Loading capacity	1064 pcs / 40 HQ
Size / Pallet	1695 mm x 1140 mm x 1117 mm
Weight	666 kg / pallet

