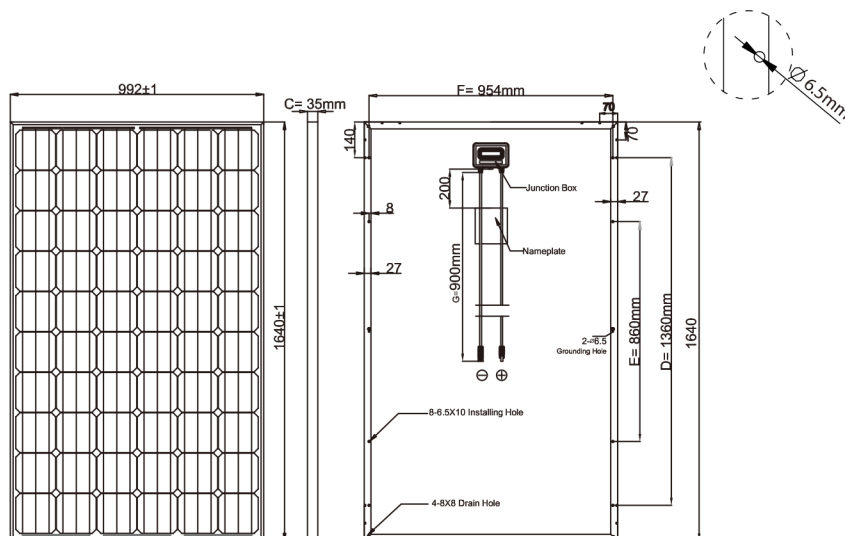


### Electrical characteristics

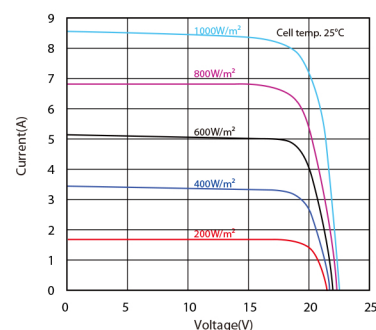
Product code	Eco Line ES270M60
Maximum power (P <sub>max</sub> )	270Wp
Voltage at P <sub>max</sub> (V <sub>mp</sub> )	31.18V
Current at P <sub>max</sub> (I <sub>mp</sub> )	8.66A
Open-circuit voltage (V <sub>oc</sub> )	38.84V
Short-circuit current (I <sub>sc</sub> )	9.23A
Temperature coefficient of V <sub>oc</sub>	-0.36%/K
Temperature coefficient of I <sub>sc</sub>	0.05%/K
Temperature coefficient of power	-0.44%/K
Normal operating cell temperature	44±2°C
Operating temperature	-40~+85°C
Maximum system voltage	1000VDC
Power tolerance	0 to +3%

\*Measured at standard test conditions: irradiance 1,000 W/m<sup>2</sup>, air mass 1.5 spectrum, temperature 25°C  
Electrical parameters may vary by -5% to +5%

### Module diagram



Characteristics



\* Dimensions in brackets are in millimeters. Unit: mm

### Specifications

Cells	60 (6x10)
Junction box	Water proof IP67, 1000 VDC
Module dimension (mm)	1640X992X35
Weight (kg)	16.8
Number of bypass diodes & type	2 pcs bypass diodes
Packing information	28 pcs/ctn