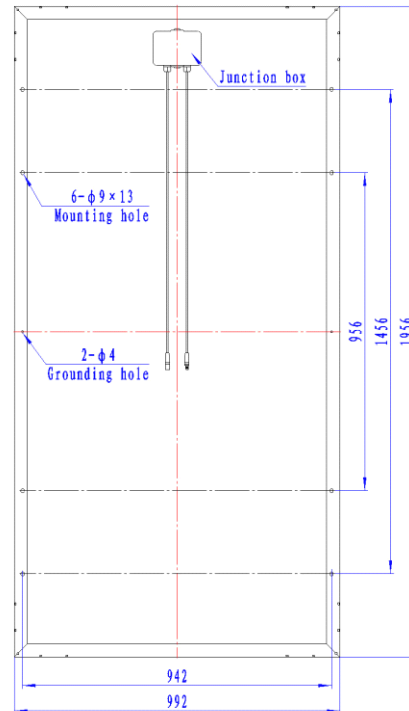
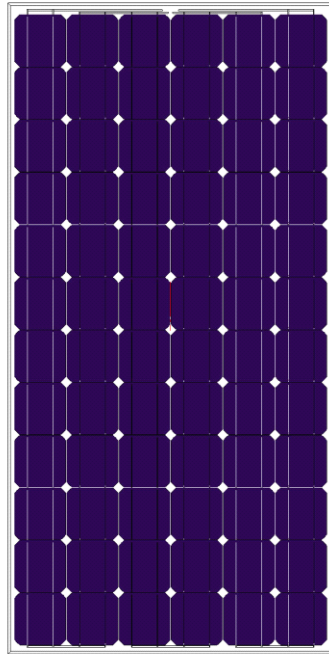


SOLAR MODULES

NORTHERN LIGHT ENERGY N250-290M

Blueprint of the module



Performance parameter

Type designation	N-250M	N-260M	N-270M	N-280M	N-290M
Maximum power (Pm)	250W	260W	270W	280W	290W
Open circuit voltage (Voc)	43.8V	44.0V	44.3V	44.5V	44.7V
Short circuit current (Isc)	7.79A	7.93A	8.11A	8.31A	8.50A
Maximum power voltage (Vm)	34.7V	34.9V	35.2V	35.4V	35.6V
Maximum power current (Im)	7.20A	7.45A	7.67A	7.90A	8.15A
Cell	mono-crystalline 156 \times 156mm				
Number of cells (Pcs)	72 (6 \times 12)				
Size of module	1956 \times 992 \times 50mm				
Tolerance Wattage	\pm 5%				
Weight	24kg				
Maximum system voltage	1000V				
Temperature Range	-40 $^{\circ}$ C \sim +85 $^{\circ}$ C				
Standard Test Conditions	Irradiance:1000 W/m ² temperature:25 $^{\circ}$ C AM:1.5				