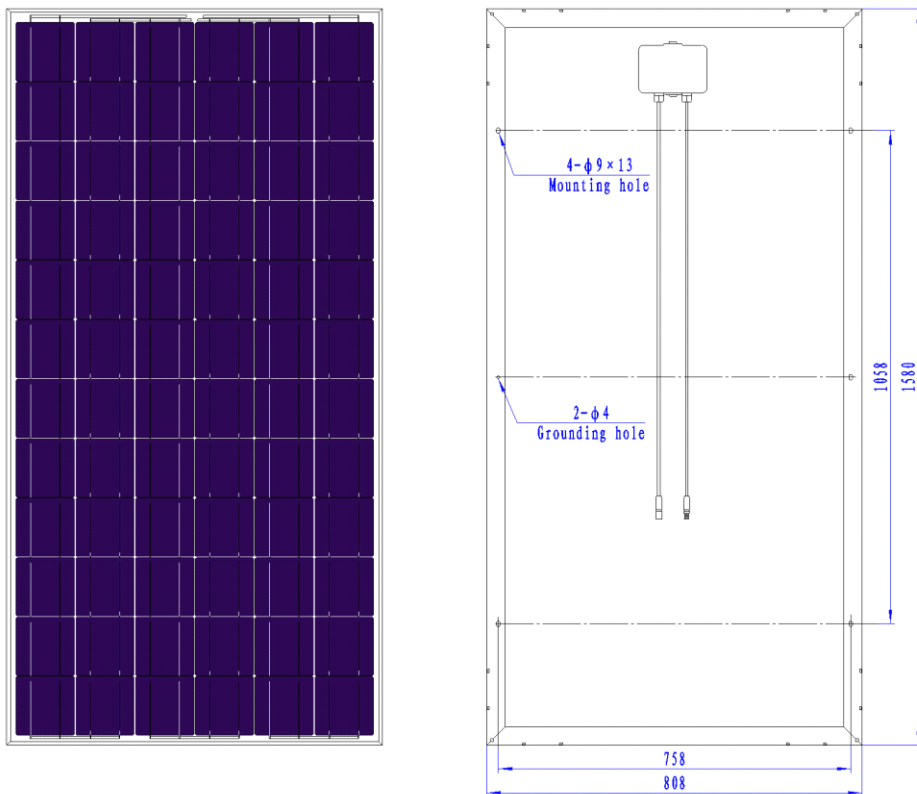


SOLAR MODULES

NORTHERN LIGHT ENERGY N140-180P

Blueprint of the module



Performance parameter

Type designation	N-140P	N-150P	N-160P	N-170P	N-180P
Maximum power (Pm)	140W	150W	160W	170W	180W
Open circuit voltage (Voc)	42.2V	42.7V	43.2V	43.8V	44.4V
Short circuit current (Isc)	4.62A	4.88A	5.12A	5.28A	5.48A
Maximum power voltage (Vm)	33.6V	34.2V	34.6V	35.2V	35.8V
Maximum power current (Im)	4.17A	4.39A	4.62A	4.83A	5.03A
Cell	poly-crystalline 125 \times 125mm				
Number of cells (Pcs)	72 (6 \times 12)				
Size of module	1580 \times 808 \times 35mm				
Weight	15.5kg				
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				