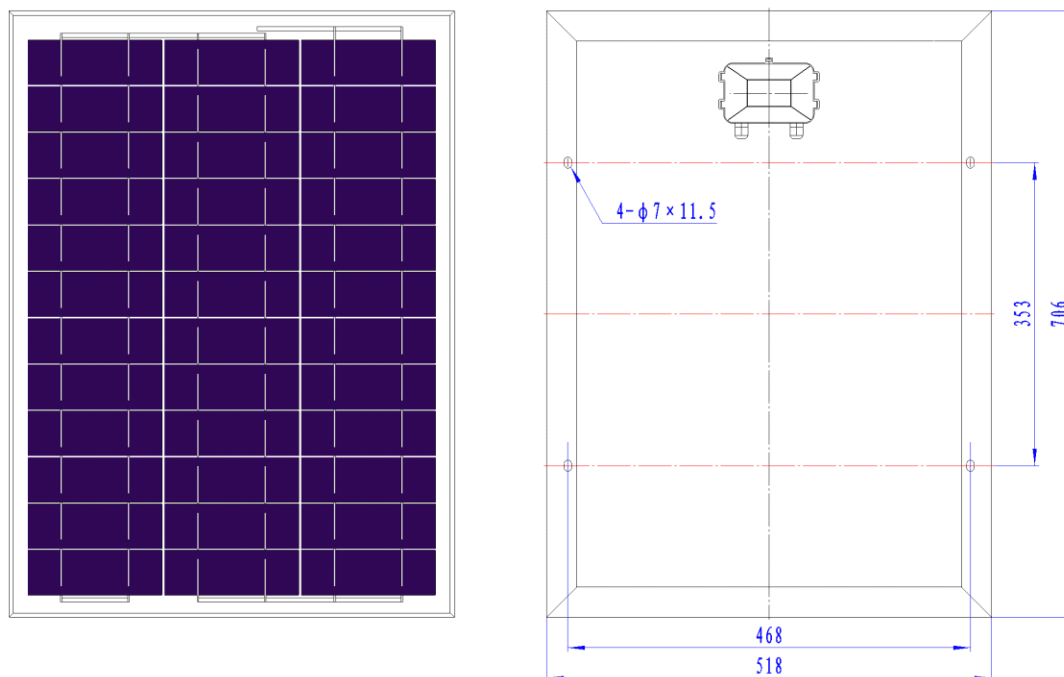


SOLAR MODULES

NORTHERN LIGHT ENERGY N40-45P

Blueprint of the module



Performance parameter

Type designation	N-40P	N-45P
Maximum power (P _m)	40W	45W
Open circuit voltage (V _{oc})	21.3V	21.7V
Short circuit current (I _{sc})	2.65A	2.78A
Maximum power voltage (V _m)	17.2V	17.6V
Maximum power current (I _m)	2.33A	2.65A
Cell	poly-crystalline 156×156mm	
Number of cells (Pcs)	12	
Size of module	706×518×35 mm	
Tolerance Wattage	±5%	
Weight	5.0 kg	
Maximum system voltage	700V	
Temperature Range	-40°C ~ +85°C	
Standard Test Conditions	Irradiance:1000 W/m ² temperature:25°C AM:1.5	