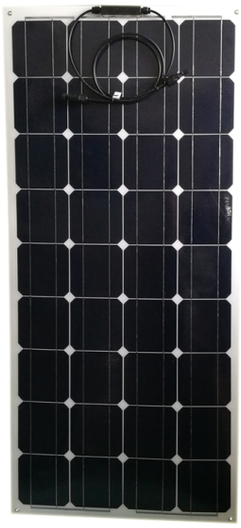
MONO Semi Flexible Solar Panel
5Wp-100Wp

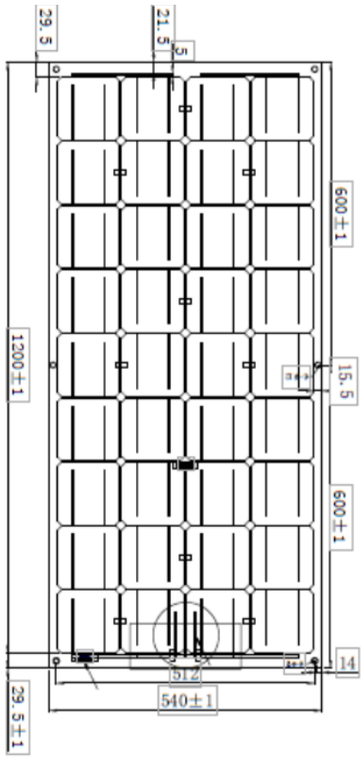


Electrical parameters at standard test conditions
(STC:AM=1.5, 1000W/m², cells temperature 25ºC)

Typical type	100W	30W	10W	5W
Max power (Pmax) w	100W	30W	10W	5W
Max power voltage (Vmp) V	18	17.5	17.5	17.5
Max power current (Imp) A	5.56	1.72	0.572	0.29
Open circuit voltage(Voc) V	21.67	21.6	21.6	21.6
Short circuit current (Isc) A	6.12	1.93	0.65	0.33
Cell efficiency(%)	18	16.5	16	16
Module efficiency (%)	15.2	13.2	10.2	9.4
Maximum System Voltage		600VDC		

Mechanical Data

Dimensions	1200*540*3mm	450*505*3mm	350*245*3mm	350*140*3mm
Weight	1.5kg	0.55kg	0.25kg	0.15kg
Output cables:		2.5mm² 900 mm		
Connectors:		MC4 compatible IP67		
Temperature:		(–40°C to +85°C)		



Temperature Characteristics

Pmax temperature coefficient	(-0.38%) / °C
Voc temperature coefficient	(-0.27%) / °C
Isc temperature coefficient	(+0.05%) / °C
Operating temperature	(-40~+85) °C
Nominal operating cell temperature	(NOCT) 45 ± 2 °C

EASY INSTALLATION GREAT DURABILITY QUALITY DESIGN