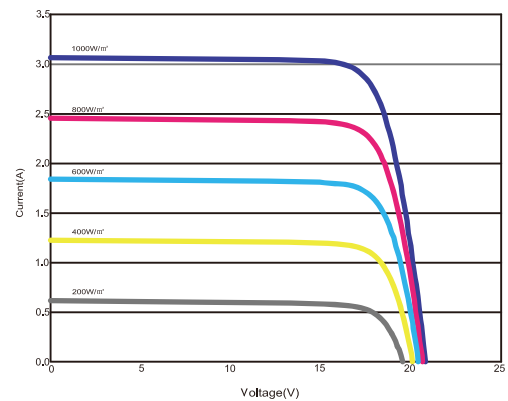


FL-50W18V

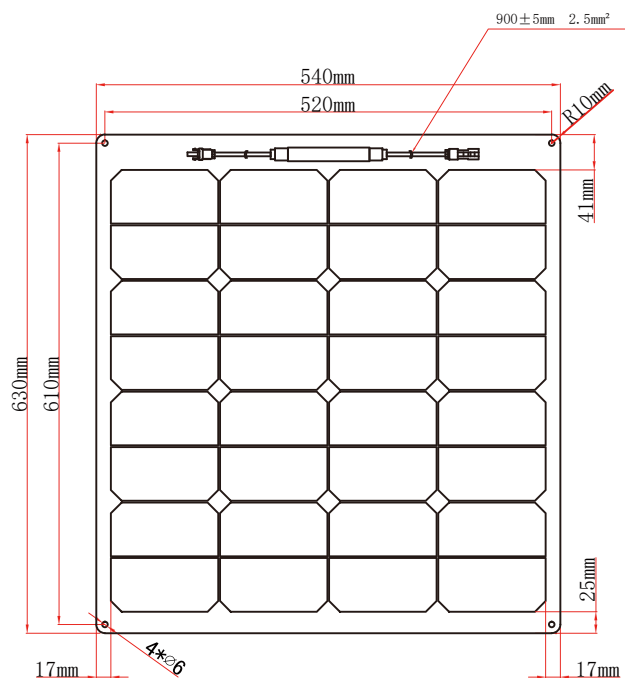
High Efficiency Flexible Solar Modules



Characteristics



Module Diagram



Electrical Characteristics

Electrical Characteristics	
Product code	FL-50W18V
Maximum power(Pmax)	50W
Voltage at Pmax(Vmp)	19.8
Current at Pmax(Imp)	2.52
Open-circuit voltage(Voc)	23.4
Short -circuit current(Isc)	2.81
Power temperature coefficient	-0.38%/°C
Voltage temperature coefficient	-0.27%/°C
Cirrent temperature coefficient	+0.05%/°C
Cells Efficiency(%)	23.70%
The maximum system voltage	45VDC(IEC)
Output power tolerance	±3%

Specifications

Cells	A grade solar cell
No.of cells and connections	32(4X8)
Module dimension	630*540*3mm
Weight	1.23KG
Certification	CE,RoHS,ISO