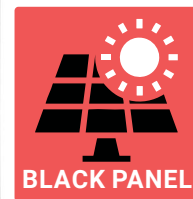


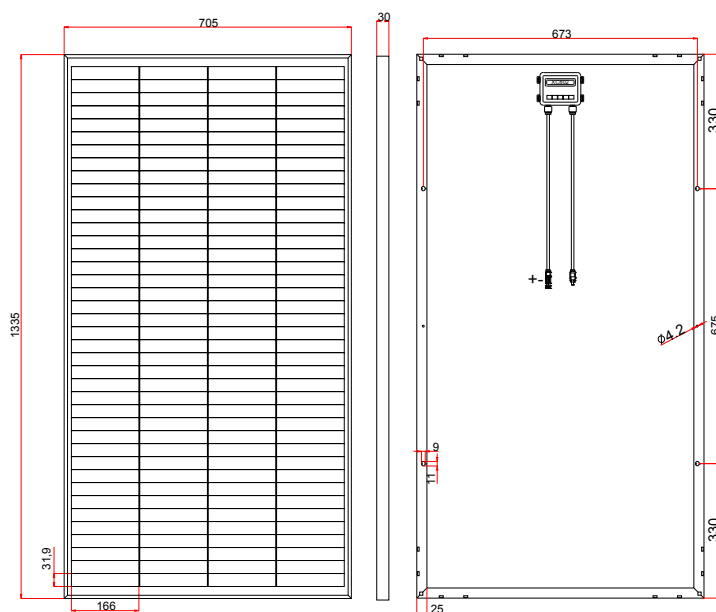
PRIMA PSM-180 (S)



Electrical Characteristics

Rated power (Wp)	180W
Open-circuit voltage(UoC)	27.4V
Rated voltage (Umpp)	23.2V
Short-circuit current(Isc)	8.22A
Rated current (Impp)	7.76A
Efficiency	22.7%
Max. system voltage	1000V DC(IEC)
Power temperature coefficient	-0.38%/°C
Voltage temperature coefficient	-0.36%/°C
Current temperature coefficient	0.07%/°C
Output power tolerance	±3%
Operating Temperature	-40°C~85°C

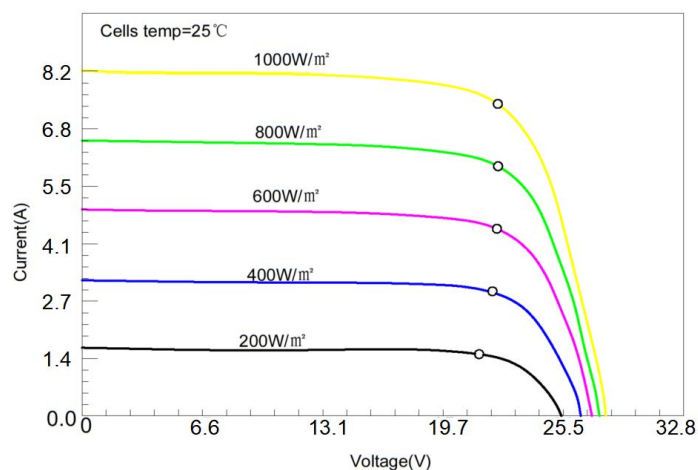
Dimensions (mm)



Specifications

Solar Cells	Monocrystalline 166mm
No. of cells and connections	160(4*40)
Module dimension	1335 x 705 x 30mm
Weight	8.55 kg
Output cable	2*diodes +900mm/4mm ² cable+MC4 compatible
Protection Class	IP67
Certifications	CE RoHS

Curves of PV Module



Product Introduction

Shingled-cell technology enables zero cell pitch, significantly reducing packaging gaps and maximizing the usable surface area of the module. Pre-drilled mounting holes on the back of the panel support fast and secure installation, making it an excellent choice for off-grid applications such as RVs, rooftops, cabins, yachts, and more.