

PRIMA

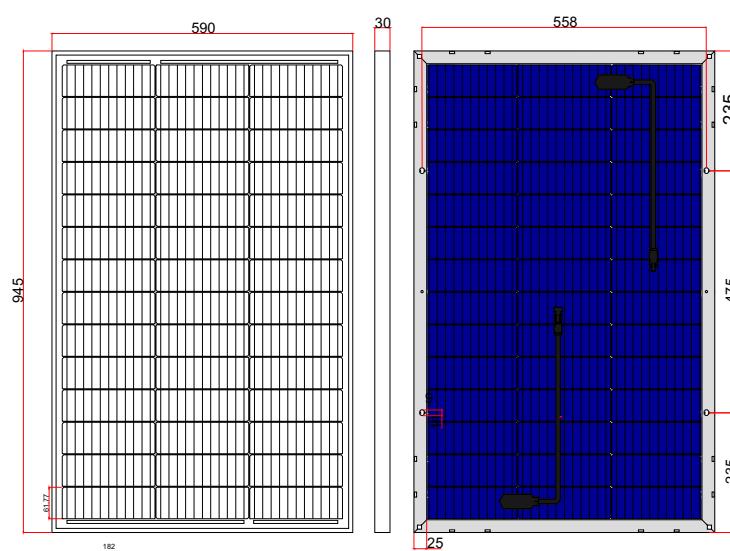
PSM-100 (B)



Electrical Characteristics

Rated power (Wp)	100W
Open-circuit voltage(UoC)	28.5V
Rated voltage (Umpp)	24.4V
Short-circuit current(Isc)	4.30A
Rated current (Impp)	4.10A
Efficiency	22.7%
Max. system voltage	1000V DC(IEC)
Power temperature coefficient	-0.35%/°C
Voltage temperature coefficient	-0.275%/°C
Current temperature coefficient	0.045%/°C
Output power tolerance	±3%
Operating Temperature	-40°C~85°C

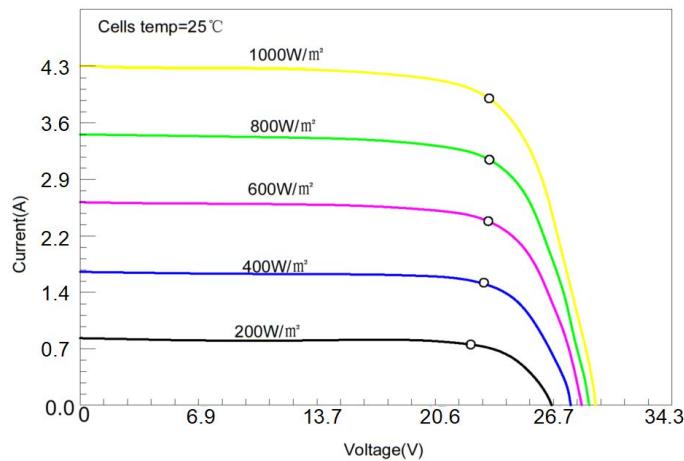
Dimensions (mm)



Specifications

Solar Cells	Monocrystalline 182mm
No.of cells and connections	42(3*14)
Module dimension	945 x 590 x 30mm
Weight	5 kg
Output cable	2*diodes +900mm/4mm ² cable+MC4 compatible
Protection Class	IP65
Certifications	CE RoHS FCC

Curves of PV Module



Product Introduction

The module incorporates advanced glass technology that enables energy generation from both sides, significantly enhancing overall efficiency and performance. Its specially engineered front- and back-electrode pattern improves mechanical load resistance and reduces fragmentation during production. Combined with outstanding anti-PID performance, this design ensures stable long-term power output and contributes to a higher overall conversion efficiency.