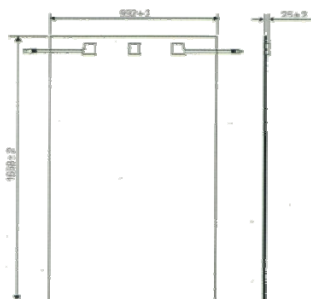
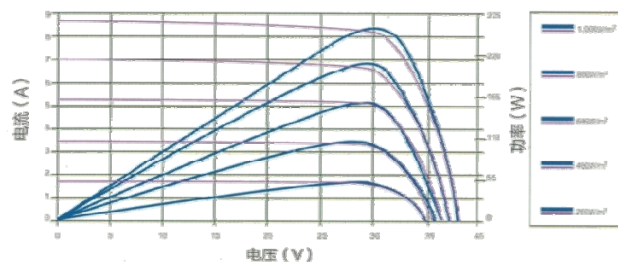


PV module size specification



PV module IV graph



Electrical performance (standard test conditions)

Model	HRP1-4-150-1
Peak power (Pmax)	150
Power tolerance (W)	0 ~+2
Optimum working voltage (Vmp)	18.2
Optimum operating current (Amp)	8.41
Open circuit voltage (Voc)	23.3
Short circuit current (Isc)	8.83
Module efficiency (%)	9.09

Temperature characteristics

Rated battery operating temperature (°C)	46±2
Peak power temperature coefficient (%/K)	-0.42
Open circuit voltage temperature coefficient (%/K)	-0.32
Short circuit current temperature coefficient (%/K)	0.05

Working condition

Maximum system voltage (VDC TUV)	1500
Working temperature (°C)	-40~+85
Maximum rated series current (A)	15
Mechanical load pressure measurement (snow pressure / wind pressure)) Pa	5400/2400

Packing info

Number of components per case 30 PCS

测量不确定度：±3%(Pmax)，±10%(Vmpp,Impp,Voc,Isc)
 标准测试条件：辐照度1000W/m²，组件温度25℃，AM1.5

Structural information

Solar cell (mm)	Mono 156*156
Number of cells	36 (4*9)
Module dimension (mm)	1658*995*6
	1658*995*6 including male/female connectors
Weight (kg)	20
Glass thickness	Front 2.5 plated tempered glass: back 2.5 float glass
Junction Box	Production level≥IP65
Cables	PV cable with section 4mm² and length 450mm
Connector	MC4 compatible connector

Quality assurance

