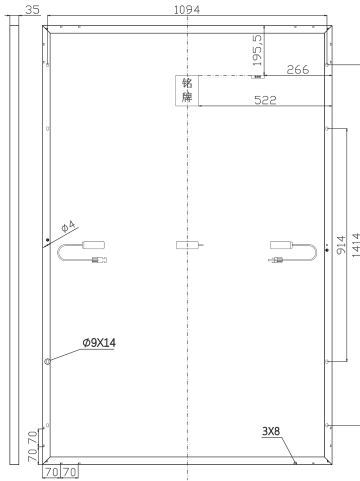


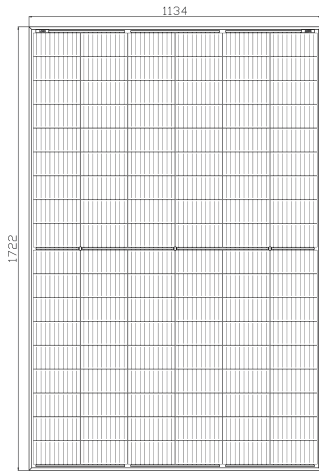
RS8V-M

GLOBAL PROFESSIONAL PV PRODUCTS INTEGRATED SOLUTIONS SUPPLIER

Dimension of PV Modules Unit: mm

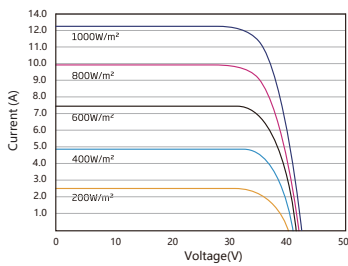


Front View

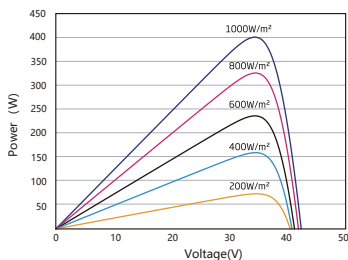


Back View

I-V CURVES OF PV MODULE(400W)



P-V CURVES OF PV MODULE(400W)



ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	400W	405W	410W	415W
Open Circuit Voltage-Voc(V)	37.07	37.23	37.32	37.45
Short Circuit Current-Isc(A)	13.79	13.87	13.95	14.02
Maximum Power Voltage-Vmp(V)	31.01	31.21	31.45	31.61
Maximum Power Current-Imp(A)	12.90	12.98	13.04	13.13
Module Efficiency (%)	20.48%	20.74%	21.00%	21.25%

STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3.

ELECTRICAL DATA(NOCT)

Maximum Power-Pmax (Wp)	302W	306W	310W	314W
Open Circuit Voltage-Voc (V)	34.88	35.12	35.23	35.37
Short Circuit Current-Isc (A)	11.03	11.10	11.16	11.22
Maximum Power Voltage-Vmp(V)	29.26	29.47	29.72	29.89
Maximum Power Current-Imp(A)	10.32	10.38	10.43	10.50

NOCT: Irradiance at 800 W/m², Ambient Temperature 20°C, Wind Speed 1 m/s.

MECHANICAL DATA

Solar cells	Mono-crystalline 182*91mm,9/10/11 Bus bars
Cell configuration	108cells(6*18)
Module dimensions	1722*1134*35mm
Weight	22kg
Front Cover	3.2mm Tempered Glass
J-BOX	IP68,3 diodes
Cable	4mm ² (IEC)/12AWG(UL),350mm(+)/450mm(-) or customized
Connectors	MC4 or MC4 Comparable
Standard Packaging	31pcs/pallet

TEMPERATURE & MAXIMUM RATINGS

Nominal Operating Cell Temperature (NOCT)	45°C±2°C
Temperature Coefficient of Voc	- 0.32%/°C
Temperature Coefficient of Isc	0.05%/°C
Temperature Coefficient of Pmax	- 0.35%/°C
Operational Temperature	- 40~ +85°C
Maximum System Voltage	1500V(IEC)/1500V
Max Series Fuse Rating	25A
Limiting Reverse Current	25A

PACKAGING CONFIGURATION

Number of modules per container	806pcs
Package	31pcs/pallet
Package Number	26pallets