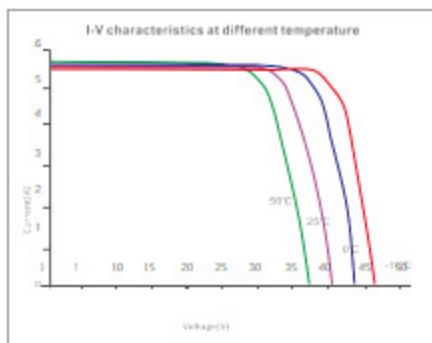
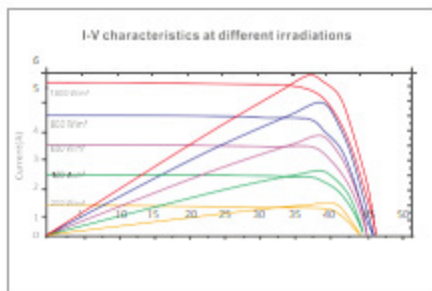
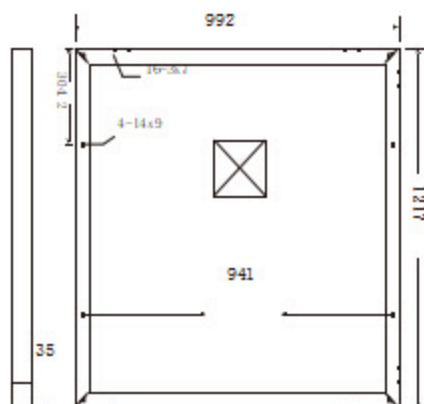
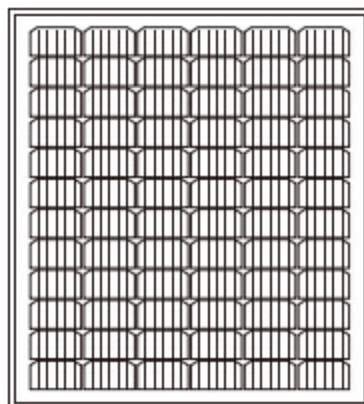


Dimension of PV Modules Unit: mm



ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	190W	195W	200W	205W	210W
Open Circuit Voltage-Voc(V)	44.5V	44.5V	44.5V	45.1V	45.4V
Short Circuit Current-Isc(A)	5.52A	5.66A	5.81A	5.88A	5.98A
Maximum Power Voltage-Vmp(V)	36.5V	36.6V	36.7V	36.8V	37V
Maximum Power Current-Imp(A)	5.21A	5.33A	5.45A	5.58A	5.68A
Module Efficiency (%)	14.88%	15.27%	15.67%	16.06%	16.45%

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)	142W	145W	148W	152W	156W
Open Circuit Voltage-Voc (V)	40.93V	41.10V	41.27V	41.44V	41.61V
Short Circuit Current-Isc (A)	4.47A	4.48A	4.59A	4.67A	4.76A
Maximum Power Voltage-Vmp(V)	33.55V	33.82V	34.08V	34.56V	34.84V
Maximum Power Current-Imp(A)	4.21A	4.29A	4.36A	4.42A	4.49A

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

MECHANICAL DATA

Solar cells	Mono-crystalline 156x93mm, 4 or 6 Bus bars
Cell configuration	72 cells(6x12)
Module dimensions	1217X992X35mm
Weight:	13KGS
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP65 or IP67, 6 Diodes
Cable	4mm²(IEC)/12AWG(UL),1000mm
Connectors	MC4 or MC4 Comparable
Standard Packaging	29pcs/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	-0.39%/°C
Operational Temperature	-40~+85°C
Maximum System Voltage	1000V(IEC)/600V(UL)
Max Series Fuse Rating	10A
Limiting Reverse Current	10A

PACKAGING CONFIGURATION

	40HQ	20GP
Number of modules per container	1320pcs	604pcs
Package	2pcs/carton box	2pcs/carton box
Package Weight	25kg/carton box	25kg/carton box
Package Number	660carton boxes	302carton boxes
Package Dimension	1240*1120*80mm/carton box	1240*1120*80mm/carton box