

## Electrical Characteristics

		Mono-Crystalline Module (HiE-S____)			
		400	395	390	385
Maximum Rating Power(Pm)	W	400	395	390	385
Open Circuit Voltage(Voc)	V	49.5	49.4	49.3	49.3
Short Circuit Current(Isc)	A	10.12	10.07	10.03	9.98
Maximum Power Voltage(Vmp)	V	41	40.9	40.8	40.8
Maximum Power Current(Imp)	A	9.76	9.66	9.56	9.44
Module Efficiency	%	21.3	21.1	20.8	20.5
Maximum System Voltage	V	DC 1,500			
Temperature Coefficient of Pmax	%/°C	-0.340			
Temperature Coefficient of Voc	%/°C	-0.270			
Temperature Coefficient of Isc	%/°C	+0.040			

\*All data at STC (Standard Test Conditions). Above data may be changed without prior notice.

## Mechanical Characteristics

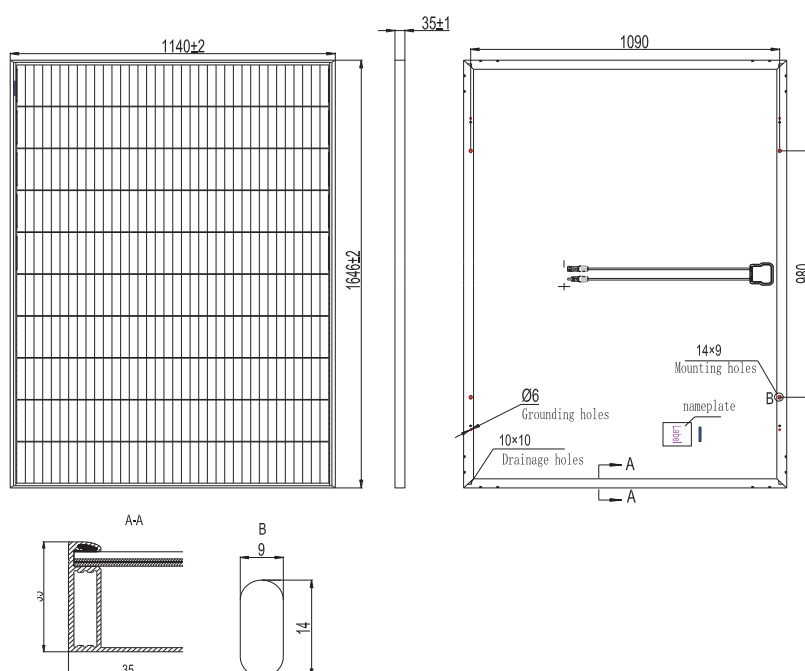
Dimensions	1646 × 1140 × 35 mm (L × W × H)	Weight	20.5kg
Back Sheet	high weatherability backsheet	Encapsulation	EVA
Cells	158.75x158.75 PERC solar cells		
Cable	Length 1500mm, 1 × 4mm <sup>2</sup>		
Junction Box	Rated current:15A, IP67, TUV&UL		
Frame	Anodized aluminum profile		
Front Glass	White toughened safety glass, 3.2mm		
Connector	Zhejiang Renhe Photovoltaic Technology Co., Ltd./05-8 Staubli Electrical Connectors AG/ PV-KST4-EVO 2/xy_UR(male); PV-KBT4-EVO 2xy_UR(female)		

## Installation Safety Guide

- Only qualified personnel should install or perform maintenance.
- Be aware of dangerous high DC voltage.
- Do not damage or scratch the rear surface of the module.
- Do not handle or install modules when they are wet.

Nominal Module Operating Temperature (NMOT)	42.3°C ( ±2°C )
Temperature Range	-40° C to +85° C
Maximum System Voltage	1500V DC(IEC)
Series Fuse Rating	20A
Maximum Surface Load Capacity	5400Pa

## Module Diagram (unit : mm)



## I-V Curves

