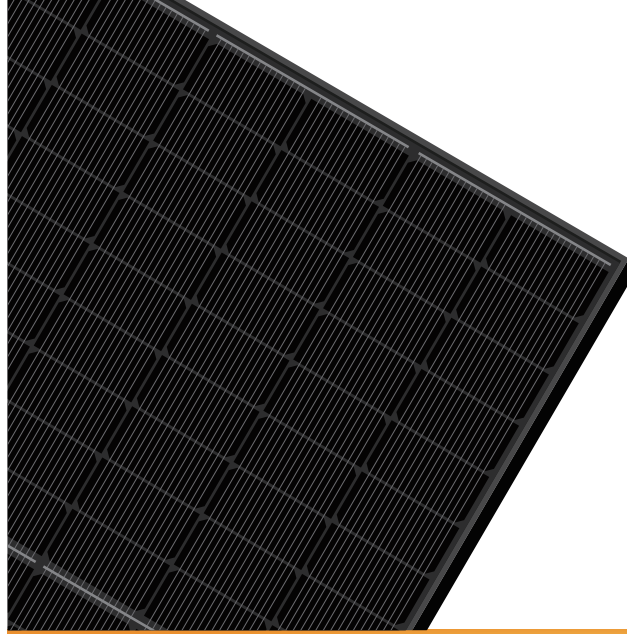




MADE  
IN  
INDONESIA



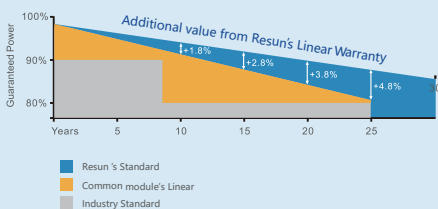
**108 Cells**  
Mono Half-cut Module

**395-415W**  
Power output

**21.25%**  
The Highest Efficiency

**±3%**  
Isc, Voc, Pmax Tolerance

## WARRANTIES



**12 years** Product warranty on materials and workmanship

**30 years** Linear power output warranty

## RSSEA8VXXXM



### Half-Cut technique leads to increased power output

When the cells are cut into halves, the current are also halved, which Series-parallel wiring improves power enables less internal loss. performance. The working temperature of module and junction box are lower than that of conventional types, which effectively reduces the hot spot risk and reduces overall module damage.



### Series-parallel wiring mode results in reduced shading loss

Series-parallel wiring will not only reduce power lows from shade but also improves the effective use of supports and space.



### Excellent temperature performance

The temperature of HC module is 1.6 °C lower than that of the conventional module under the same working condition, which results less power loss



### Reduced encapsulation loss due to reduced current

The module is of high light transmittance to ensure good performance, an advanced solution that enables more energy generation, light capturing and elegant appearance.



### 1500V high system voltage design

## CERTIFICATES IEC61215/61730

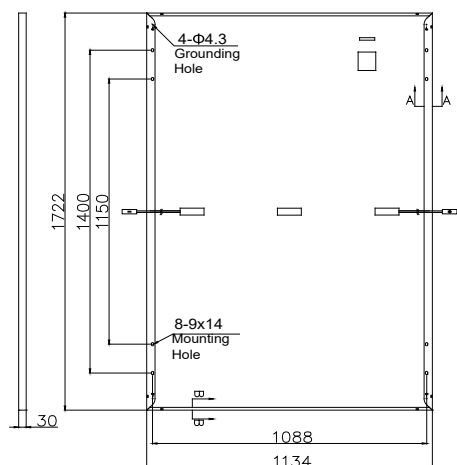


# RSSEA8V395-415M



GLOBAL PROFESSIONAL PV PRODUCTS INTEGRATED SOLUTIONS SUPPLIER

## ASSEMBLY DRAWING (Unit:mm)



## ELECTRICAL DATA(STC)

Photovoltaic module model	RSSEA8V395M	RSSEA8V400M	RSSEA8V405M	RSSEA8V410M	RSSEA8V415M
Rated Power in Watts-Pmax(Wp)	395	400	405	410	415
Open Circuit Voltage-Voc(V)	36.90	36.98	37.06	37.14	37.31
Short Circuit Current-Isc(A)	13.71	13.78	13.85	13.92	14.01
Maximum Power Voltage-Vmp(V)	30.32	30.42	30.52	30.62	30.79
Maximum Power Current-Imp(A)	13.03	13.15	13.27	13.39	13.48
Module Efficiency	20.23%	20.48%	20.74%	21.00%	21.25%

STC: Irradiance 1000 W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3.

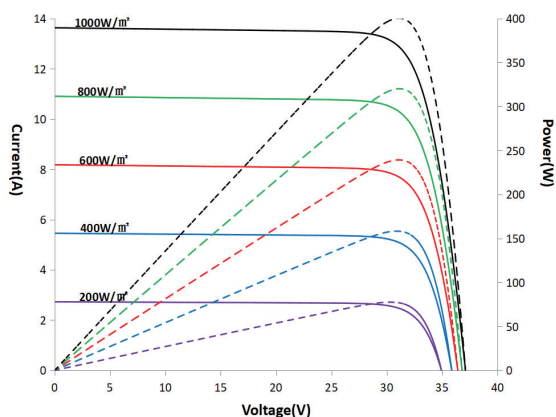
## ELECTRICAL DATA(NOCT)

Maximum Power-Pmax(Wp)	298	302	306	310	314
Open Circuit Voltage-Voc (V)	34.76	34.84	34.91	34.99	35.15
Short Circuit Current-Isc(A)	11.05	11.11	11.16	11.22	11.29
Maximum Power Voltage-Vmp(V)	28.60	28.71	28.82	28.95	29.13
Maximum Power Current-Imp(A)	10.42	10.52	10.62	10.71	10.78

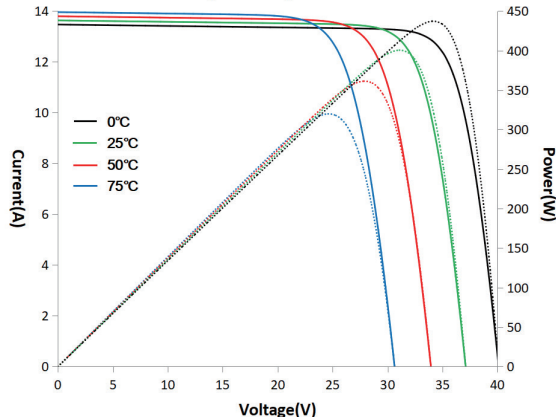
NOCT: Irradiance at 800 W/m<sup>2</sup>, Ambient Temperature 20°C, Wind Speed 1m/s.

## I-V CURVES

Test temperature 25°C



Irradiance: AM1.5, 1000W/m<sup>2</sup>



## MECHANICAL DATA

Solar cells	Mono-crystalline 182*91mm
Cell configuration	108cells(6*18)
Module dimensions	1722*1134*35mm
Weight	22.1kg
Frame	Anodised Aluminum
Front Cover	3.2mm Tempered Glass
J-BOX	IP68, 3 bypass diodes
Cable	4.0mm <sup>2</sup> , 300mm

## TEMPERATURE & MAXIMUM RATINGS

Nominal Operating Cell Temperature(NOCT)	45°C±2°C
Temperature Coefficient of Voc	-0.25%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmp	-0.33%/°C
Operational Temperature	-40~+85°C
Maximum System Voltage	1000V(DC)/1500V(DL)
Max Series Fuse Rating	25A
Max. Wind Load / Snow Load	2400pa/5400pa
Fire Rating	Class B, Type 4

## PACKAGING CONFIGURATION

Container 40'HQ	806pcs
Quantity / Pallet	31pcs

Manufacturing Base: TUNAS KABIL INDUSTRIAL ESTATE, Desa/Kelurahan Batu Besar, Kec. Nongsa, Kota Batam, Provinsi Kepulauan Riau