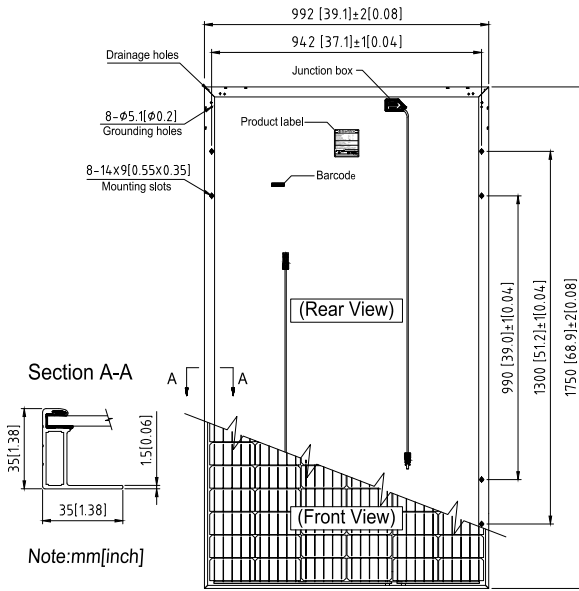




# HyPro STP330S - 21/Wfh STP325S - 21/Wfh STP320S - 21/Wfh



## Electrical Characteristics

STC	STP330S-21/Wfh	STP325S-21/Wfh	STP320S-21/Wfh
Maximum Power at STC (Pmax)	330 W	325 W	320 W
Optimum Operating Voltage (Vmp)	34.7 V	34.5 V	34.3 V
Optimum Operating Current (Imp)	9.53 A	9.43 A	9.34 A
Open Circuit Voltage (Voc)	41.9 V	41.7 V	41.5 V
Short Circuit Current (Isc)	9.95 A	9.87 A	9.80 A
Module Efficiency	19.0%	18.7%	18.4%
Operating Module Temperature	-40 °C to +85 °C		
Maximum System Voltage	1000 V DC (IEC)		
Maximum Series Fuse Rating	20 A		
Power Tolerance	0/+5 W		

STC: Irradiance 1000 W/m<sup>2</sup>, module temperature 25 °C, AM=1.5;  
Tolerances of Pmax, Voc and Isc are all within +/- 5%

NMOT	STP330S-21/Wfh	STP325S-21/Wfh	STP320S-21/Wfh
Maximum Power at NMOT (Pmax)	247.7 W	243.8 W	240.0 W
Optimum Operating Voltage (Vmp)	32.4 V	32.2 V	31.9 V
Optimum Operating Current (Imp)	7.64 A	7.58 A	7.52 A
Open Circuit Voltage (Voc)	39.1 V	39.0 V	38.8 V
Short Circuit Current (Isc)	8.04 A	7.98 A	7.92 A

NMOT: Irradiance 800 W/m<sup>2</sup>, ambient temperature 20 °C, AM=1.5, wind speed 1 m/s;

## Temperature Characteristics

Nominal Module Operating Temperature (NMOT)	42±2°C
Temperature Coefficient of Pmax	-0.37 %/°C
Temperature Coefficient of Voc	-0.304 %/°C
Temperature Coefficient of Isc	0.050 %/°C

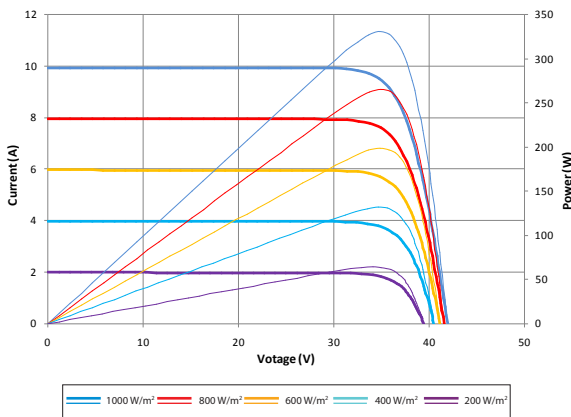
## Mechanical Characteristics

Solar Cell	Monocrystalline silicon 6 inches
No. of Cells	126 (6 × 21)
Dimensions	1750 × 992 × 35 mm (68.9 × 39.1 × 1.4 inches)
Weight	19.4 kgs (42.8 lbs.)
Front Glass	3.2 mm (0.13 inches) tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP68 rated (3 bypass diodes)
Output Cables	4.0 mm <sup>2</sup> (0.006 inches <sup>2</sup> ), symmetrical lengths (-) 1200mm (47.24 inches) and (+) 1200 mm (47.24 inches)
Connectors	Genuine MC4

## Packing Configuration

Container	40' HC
Pieces per pallet	30
Pallets per container	26
Pieces per container	780

Current-Voltage & Power-Voltage Curve (330S)



## Dealer information

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Information on how to install and operate this product is available in the installation instruction. All values indicated in this data sheet are subject to change without prior announcement. The specifications may vary slightly. All specifications are in accordance with standard EN 50380. Color differences of the modules relative to the figures as well as discolorations of/in the modules which do not impair their proper functioning are possible and do not constitute a deviation from the specification.