

Super HC Series: Poly Full Cell 72P 320Wp~345Wp

General

Cells	72 (perc 5BB) polycrystalline	Cellsize	158.75x158.75mm
Frame	Anodized aluminium	Front glass	3.2 mm Solar glass
Connection	Plastics, IP65, 3 bypass-diodes	Wire	4 mm ² Solar cabel, 1100 mm length
Connector	HENGDA	Power tolerance	0 to +5 Wp

Electrical Datas (STC*)

MODULETYPE			320	325	330	335	340	345
Nominal Power	P_{MPP}	Wp	0/+5Wp	0/+5Wp	0/+5Wp	0/+5Wp	0/+5Wp	0/+5Wp
MPP-Voltage	U_{MPP}	V	36.62V	36.90V	37.18V	37.45V	37.74V	38.04V
MPP- Current	I_{MPP}	A	8.74A	8.81A	8.88A	8.95A	9.01A	9.07A
Open-circuit voltage	U_{OC}	V	45.29V	45.56V	45.83V	46.10V	46.39V	46.68V
Short-circuit current	I_{SC}	A	9.21A	9.28A	9.35A	9.42A	9.48A	9.55A
Module efficiency	$\eta\%$		16.16%	16.41%	16.66%	16.92%	17.17%	17.42%

Temperature coefficients

Temperature coefficients I_{SC}	+0.04 %/K
Temperature coefficients U_{OC}	-0.30 %/K
Temperature coefficients P_{MPP}	-0.40 %/K
NOCT	48 °C ± 2 °C

Limits

System voltage max.	1500V
Reverse current max.	16 A
Operating temperature	-40 °C - 85 °C
Maximum load	5400 Pa/m ² = 550 kg/m ² (75 lbs/ft ²)
Safety class	II

Certifications and warranty

According	IEC61215, IEC61730 i.V.
Product warranty	12 years
Performance warranty	linear 25 years

Mechanical Datas

Dimensions	1980x1000x40mm
Weight	21kg

Packing configuration

Modules/Cardboard	27/27+2
Cardboard/Container	11/11
Modules/Container	616
Palette dimensions	2000x1120x120cm(LxBxH)640/690kg

Technical drawing

