

Super HC Series:  
Mono Full Cell 72M 370Wp~390Wp

**General**

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

**Electrical Datas (STC\*)**

MODULETYPE			370	375	380	385	390
Nominal Power	P <sub>MPP</sub>	Wp	0/+5Wp	0/+5Wp	0/+5Wp	0/+5Wp	0/+5Wp
MPP-Voltage	U <sub>MPP</sub>	V	38.95V	39.27V	39.59V	39.90V	40.21V
MPP- Current	I <sub>MPP</sub>	A	9.50A	9.55A	9.60A	9.65A	9.70A
Open-circuit voltage	U <sub>OC</sub>	V	48.19V	48.47V	48.75V	49.04V	49.35V
Short-circuit current	I <sub>SC</sub>	A	10.00A	10.06A	10.12A	10.17A	10.22A
Module efficiency	η%		18.68%	18.94%	19.19%	19.44%	19.69%

**Temperature coefficients**

Temperature coefficients I <sub>SC</sub>	+0.04 %/K
Temperature coefficients U <sub>OC</sub>	-0.30 %/K
Temperature coefficients P <sub>MPP</sub>	-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 <sup>2</sup> = 550 kg/m <sup>2</sup> (75 lbs/ft <sup>2</sup> )
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	22.2kg

**Packing configuration**

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

**Technical drawing**

