

General

Cells	60 (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 ² Solar cabel, 1100 mm length
Connector	HENGDA	Power tolerance	0 to +5 Wp

Electrical Datas (STC*)

MODULETYPE			310	315	320	325	330
Nominal Power	P_{MPP}	Wp	0/+5Wp	0/+5Wp	0/+5Wp	0/+5Wp	0/+5Wp
MPP-Voltage	U_{MPP}	V	32.60V	32.89V	33.17V	33.44V	33.75V
MPP- Current	I_{MPP}	A	9.51A	9.58A	9.65A	9.72A	9.78A
Open-circuit voltage	U_{OC}	V	40.30V	40.53V	40.78V	41.04V	41.30V
Short-circuit current	I_{SC}	A	10.04A	10.11A	10.18A	10.25A	10.32A
Module efficiency	$\eta\%$		18.67%	18.97%	19.27%	19.57%	19.87%

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	1660x1000x35mm
Weight	18.2kg

Packing configuration

Modules/Cardboard	30
Cardboard/Container	28
Modules/Container	840
Palette dimensions	1680x1120x120cm(LxBxH)600kg

Technical drawing

