

MECHANICAL PARAMETERS

Cell(mm)	Polycrystalline
Weight(kg)	21.8kg
Dimensions (LxWxH) (mm)	1954x990x40
No. of Cells and Connections	72(6x12)
Frame	Aluminium, Silver Anodized
Junction Box/ Output Connectors	IP67/ HCB40
Cable Length	1150mm
Front Glass Thickness(mm)	3.2mm
Packaging Configuration	27 Modules per Pallet

WORKING CONDITIONS

Maximum System Voltage	1000Vdc
Operating Temperature	-40 °C ~+ 85°C
NOCT	46±2°C
Power Sorting	±3%
Mechanical Loading	5400 Pa
Max. Fuse Current Rating	15A
Temperature Coefficient of Isc	+0.050%/°C
Temperature Coefficient of Voc	-0.311%/°C
Temperature Coefficient of Pmax	-0.408%/°C

ELECTRICAL PARAMETERS (STC)

Model Number	QSA320P-72-S	QSA325P-72-S	QSA330P-72-S	QSA335P-72-S
Rated Power in Watts-Pmax (Wp)	320	325	330	335
Open Circuit Voltage-Voc (V)	45.45	45.67	45.86	45.98
Short Circuit Current-Isc (A)	9.25	9.48	9.52	9.57
Maximum Power Voltage-Vmpp (V)	37.02	37.11	37.15	37.26
Maximum Power Current-Impp (A)	8.65	8.77	8.89	9.00
Module Efficiency	16.5%	16.8%	17.1%	17.3%

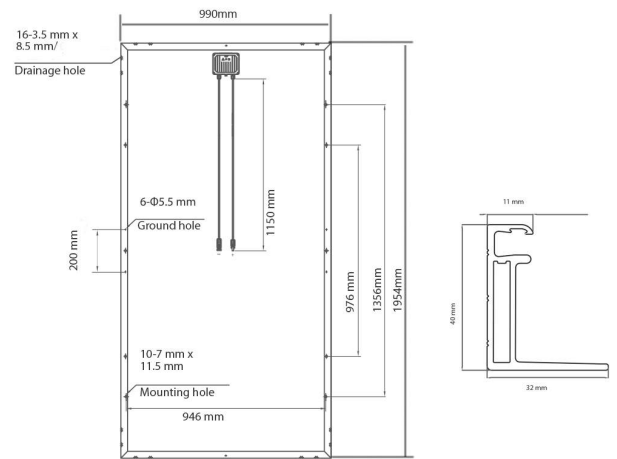
STC: Irradiance 1000W/m², Cell Temperature 25°C, AM=1.5

ELECTRICAL PARAMETERS (NOCT)

Model Number	QSA320P-72-S	QSA325P-72-S	QSA330P-72-S	QSA335P-72-S
Maximum Power-Pmax (Wp)	223.5	226.9	230.4	233.9
Open Circuit Voltage-Voc (V)	41.70	41.91	42.08	42.19
Short Circuit Current-Isc (A)	7.15	7.33	7.37	7.40
Maximum Power Voltage-Vmpp (V)	33.80	33.86	33.92	34.01
Maximum Power Current-Impp (A)	6.61	6.70	6.79	6.88

NOCT: Irradiance 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s
Power Production Tolerance ±3%

ENGINEERING DRAWINGS



I-V CURVE

Current-Voltage & Power-Voltage curves (320W)

