



685W BI- FACIAL

DIMENSION

ELECTRICAL DATA *STC

Model Type	SHARK 685W
Maximum Power Pmax (W)	685
Maximum Power Voltage Vmp (V)	38.80
Maximum Power Current Imp (A)	17.15
Open Circuit Voltage Voc (V)	45.60
Short Circuit Current Isc (A)	18.40
Module Efficiency (%)	21.35%

Cell Temperature 25°C STC: Irradiance at 1000W/m, Air Mass AM 1.5

TEMPERATURE RATINGS

Temperature Coefficient of Isc (Isc)	+0.48%/°C
Temperature Coefficient of Voc (Voc)	-0.29%/°C
Temperature Coefficient of Pmax (Pmp)	-0.36%/°C
Nominal Operating Cell Temperature (NOCT)	~42°C±2°C

OPERATING PARAMETERS

Maximum System Voltage	VDC 1500V
Operating Temperature	~45°C±85°C
Maximum Series Fuse	35A

MECHANICAL DATA

Solar Cell Type	Mono Perc
Number of Cell	132 Cells (11x6) (11x6)
Number of Bus bar	12BB
Module Dimensions	2384x1303mmx35mm
Weight	37 Kg
Glass to Glass	AR-coating toughened glass, 2 mm
Frame	Black/Silver Anodized Aluminium
J-Box	Split Junction Box (IP68)
Cable	400 mm, 4Sqmm
Connector	MC4 IP68 compatible
Maximum Test Load, Push/ Pull	5400Pa/2400Pa

PACKING CONFIGURATION

Pallet Packing	31 Module
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