



SHARK | 20W

ELECTRICAL DATA *STC

Model Type	SHARK 20
Maximum Power Pmax (W)	20
Maximum Power Voltage Vmp (V)	19.25
Maximum Power Current Imp (A)	1.04
Open Circuit Voltage Voc (V)	22.50
Short Circuit Current Isc (A)	1.11
Module Efficiency (%)	14.20%

Cell Temperature 25°C STC: Irradiance at 1000W/m², Air Mass AM 1.5

TEMPERATURE RATINGS

Temperature Coefficient of Isc (Isc)	+0.05%/°C
Temperature Coefficient of Voc (Voc)	-0.29%/°C
Temperature Coefficient of Pmax (Pmp)	-0.38%/°C
Nominal Operating Cell Temperature (NOCT)	45°C ± 2°C

OPERATING PARAMETERS

Maximum System Voltage	VDC 600V
Operating Temperature	-40°C ± 85°C
Maximum Series Fuse	6A

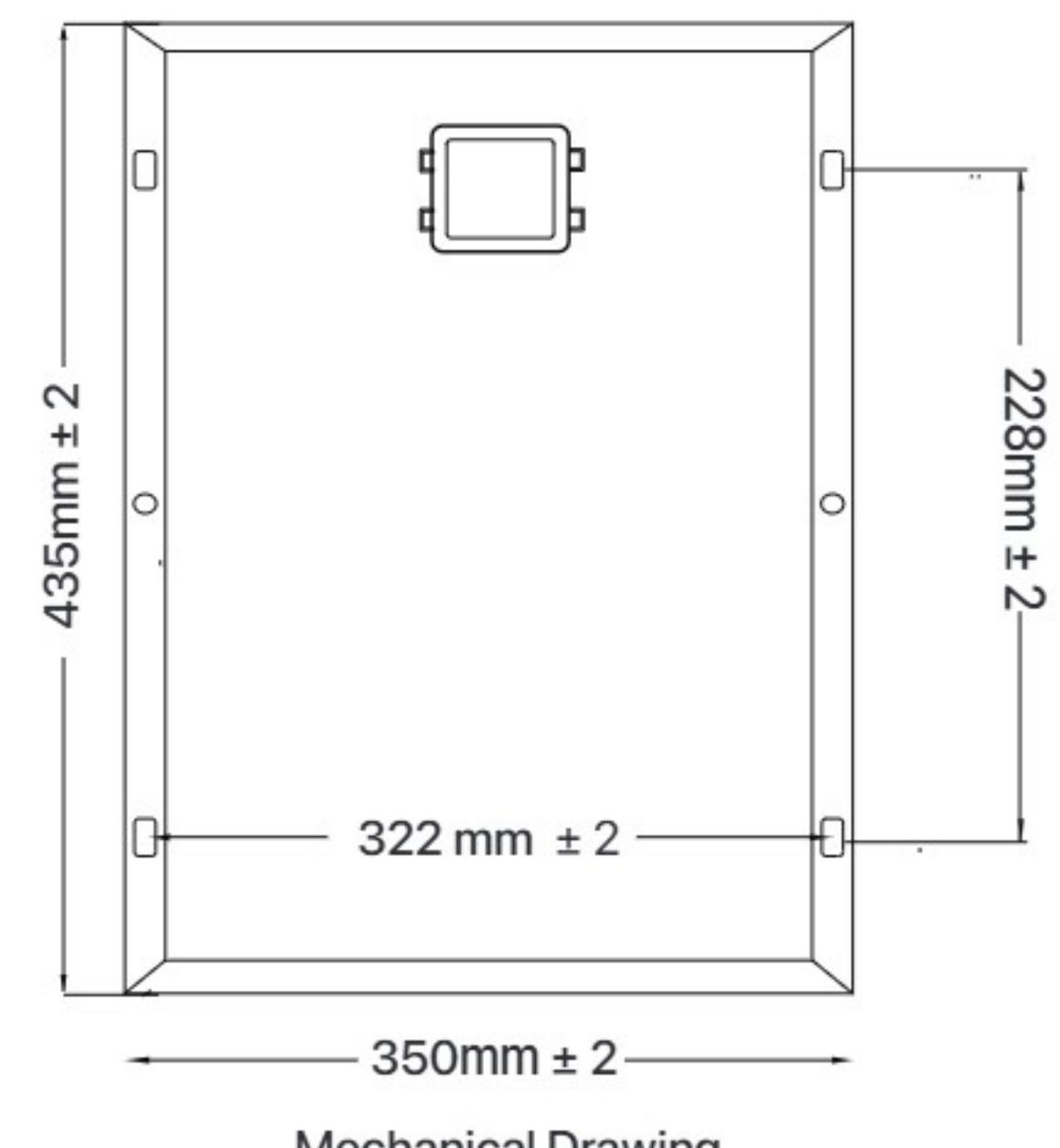
MECHANICAL DATA

Solar Cell Type	Polycrystalline
Number of Cell	36 Cells (9x4)
Number of Bus bar	2BB
Module Dimensions	435mmx350mmx22mm
Weight	2 Kg
Front Glass	AR-coating toughened glass, 3.2 mm
Frame	Silver Anodized Aluminium
J-Box	Junction Box (IP65)
Cable	N/A
Connector	N/A
Maximum Test Load, Push/ Pull	5400Pa/2400Pa

PACKING CONFIGURATION

Retail Packing	1 Module
Commercial Packing	10 Module

DIMENSION



Mechanical Drawing

