

580-watt

ELECTRICAL DATA | STC*

Nominal Max. Power (Pmax)	580 W
Opt. Operating Voltage (Vmp)	34.1 V
Opt. Operating Current (Imp)	17.02 A
Open Circuit Voltage (Voc)	40.5 V
Short Circuit Current (Isc)	18.27 A
Module Efficiency	20.5%
Operating Temperature	-40°C ~ +85°C
Max. System Voltage	1500V (IEC) or 1000V (IEC)
Module Fire Performance	CLASS C (IEC 61730)
Max. Series Fuse Rating	30 A
Application Classification	Class A
Power Tolerance	0 ~ + 10 W

ELECTRICAL DATA | NMOT*

Nominal Max. Power (Pmax)	433 W
Opt. Operating Voltage (Vmp)	31.9 V
Opt. Operating Current (Imp)	13.60 A
Open Circuit Voltage (Voc)	38.2 V
Short Circuit Current (Isc)	14.74 A

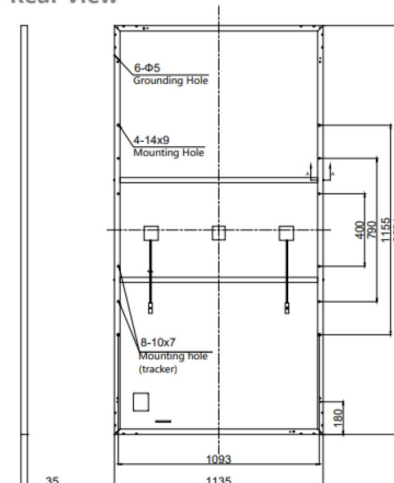
MECHANICAL DATA

Cell Type	Mono-crystalline
Cell Arrangement	120 [2 x (10 x 6)]
Dimensions	2172 x 1303 x 35 mm
Weight	32.5 kg (71.6 lbs)
Front Cover	3.2 mm tempered glass
Frame	Anodized aluminium alloy, crossbar enhanced
J-Box	IP68, 3 bypass diodes
Cable	4 mm ² (IEC)
Cable Length (Including Connector)	460 mm (18.1 in) (+) / 340 mm (13.4 in) (-) or customized length*
Connector	T4 series or H4 UTX or MC4-EVO2
Per Pallet	30 pieces
Per Container (40' HQ)	480 pieces

TEMPERATURE CHARACTERISTICS

Temperature Coefficient (Pmax)	-0.34 % / °C
Temperature Coefficient (Voc)	-0.26 % / °C
Temperature Coefficient (Isc)	0.05 % / °C
Nominal Module Operating Temperature	42 ± 3°C

Rear View



Frame Cross Section A-A

