

LONGi Solar



555-watt

MECHANICAL DATA

Cell Arrangement	144 (6X24)
J-Box	IP68, three diodes
Output Cable	4mm ² , +400, -200mm/ ±1400mm length can be customized
Glass	Single glass, 3.2mm coated tempered glass
Frame	Anodized aluminum alloy frame
Weight	27.5kg
Dimension	2278 x 1134 x 35mm
Packaging	31pcs per pallet / 155pcs per 20' GP / 620pcs per 40' HC

ELECTRICAL DATA | STC*

Maximum Power (Pmax/W)	555
Open Circuit Voltage (Vac/V)	49.95
Short Circuit Current (Isc/A)	14.04
Voltage at Maximum Power (Vmp/V)	42.10
Current at Maximum Power (Imp/A)	13.19
Module Efficiency(No)	21.5

ELECTRICAL DATA | NOCT*

Maximum Power (Pmax/W)	414.8
Open Circuit Voltage (Vac/V)	46.97
Short Circuit Current (Isc/A)	11.35
Voltage at Maximum Power (Vmp/V)	39.11
Current at Maximum Power (Imp/A)	10.61

OPERATING PARAMETERS

Operational Temperature	-40°C ~ +85°C
Power Output Tolerance	0 ~ 3%
Vac and Isc Tolerance	± 3%
Maximum System Voltd8+	DC1500V (IEC/UL)
Maximum Series Fuse Rating	25A
Nominal Operating Cell Temperature	45±2°C
Protection Class	Class II
Fire Rating	UL type 1 or 2 IEC Class C

