

JA SOLAR

555-watt

MECHANICAL DATA

Cell Type	Mono
Cell Arrangement	144(6x24)
Dimensions	2278±2mm x 1134±2mm x 30±1mm
Weight	27.3kg
J-Box	IP68, 3 diodes
Cable Length (Including Connector)	Portrait: 300mm(+)/400mm(-) Landscape: 1300mm(+)/1300mm(-)

ELECTRICAL DATA | STC*

Nominal Max. Power (Pmax)	555
Open Circuit Voltage (VoC)	50.02
Max. Power Voltage (Vmp)	42.11
Short Circuit Current (Isc)	14.07
Max. Power Current (Imp)	13.18
Module Efficiency (%)	21.5
Power Tolerance	0~+5W
Temperature Coefficient of Isc	+0.045%/°C
Temperature Coefficient of Voc	-0.275%/°C
Temperature Coefficient of Pmax	-0.350%/°C
STC	Irradiance 1000W/m2 Cell temperature 25°C, AM1.5G

ELECTRICAL DATA | NOCT*

Rated Max. Power (Pmax)	420
Open Circuit Voltage (Voc)	46.85
Max. Power Voltage (Vmp)	39.66
Short Circuit Current (Isc)	11.21
Max. Power Current (Imp)	10.59
NOCT	Irradiance 800W/m2 Ambient temperature 20°C, Wind speed 1m/s, AM1.5G

TEMPERATURE CHARACTERISTICS

Maximum System Voltage	1000V/1500V CC
Operating Temperature	-40°C~+85°C
Maximum Series Fuse	25A
Maximum Static Load, Front	5400Pa
Maximum Static Load, Back	2400Pa
NOCT	45±2°C

