

JA SOLAR

460-watt

ELECTRICAL DATA | STC*

Nominal Max. Power (Pmax)	460
Open Circuit Voltage (VoC)	50.01
Max. Power Voltage (Vmp)	42.13
Short Circuit Current (Isc)	11.45
Max. Power Current (Imp)	10.92
Module Efficiency (%)	20.7
Power Tolerance	0~+5W
Temperature Coefficient of Isc	+0.044%/°C
Temperature Coefficient of Voc	-0.272%/°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)	348
Open Circuit Voltage (Voc)	47.38
Max. Power Voltage (Vmp)	39.68
Short Circuit Current (Isc)	9.33
Max. Power Current (Imp)	8.76
NOCT	Irradiance 800W/m2 Ambient temperature 20°C, Wind speed 1m/s, AM1.5G

MECHANICAL DATA

Cell Type	Mono
Cell Arrangement	144 (6x24)
Dimensions	2120±2mm x 1052±2mm x 40±1mm
Weight	25.0kg ± 3%
J-Box	IP68, 3 diodes
Cable Length (Including Connector)	Portrait: 300mm(+)/400mm(-) Landscape: 1200mm(+)/1200mm(-)

TEMPERATURE CHARACTERISTICS

Maximum System Voltage	1000V DC(IEC)
Operating Temperature	-40°C~+85°C
Maximum Series Fuse	20A
Maximum Static Load, Front	3600Pa, 1.5
Maximum Static Load, Back	1600Pa, 1.5
NOCT	45±2°C

