

Tiga

Solara
JinKO

48QL6-DV

Mechanical Characteristics

Cell Type	N- type Mono-crystalline
No. of cells	192 48× 4
Dimensions	1762× 1134× 30 mm
Weight	24.4 kg
Front Glass	2.0 mm, Anti-reflection Coating
Back Glass	2.0 mm, Heat Strengthened Glass
Frame	Anodized Aluminium Alloy ni hui q
Junction Box	IP68 Rated
Protection Class	Class II
IEC Fire Type	Class C
Connector Type	JK03M/JK03M2/Others*
Output Cables (Including Connector)	(+): 600 mm , (-): 400 mm or Customized Length

* MC4-EVO2 available upon request and subject to availability

Packaging Configuration

Pallet Dimensions	1792× 1140× 1249 mm
Packing Detail (Two pallets = One stack)	37 pcs/pallets, 74 pcs/stack, 962 pcs/ 40'HQ Container

Specifications (STC)

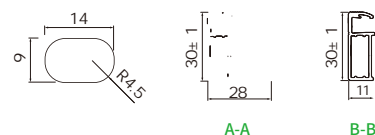
Maximum Power - Pmax [Wp]	460	465	470	475	480
Maximum Power Voltage - Vmp [V]	30.57	30.74	30.93	31.11	31.30
Maximum Power Current - Imp [A]	15.05	15.13	15.20	15.27	15.34
Open-circuit Voltage - Voc [V]	35.67	35.92	36.17	36.42	36.67
Short-circuit Current - Isc [A]	15.72	15.77	15.82	15.86	15.90
Module Efficiency STC [%]	23.02	23.27	23.52	23.77	24.02
Power Tolerance	0 ~ + 3 %				
Temperature Coefficient of Pmax	-0.26 %/°C				
Temperature Coefficient of Voc	-0.24 %/°C				
Temperature Coefficient of Isc	0.046 %/°C				

STC: Irradiance 1000W/m², Cell Temperature 25°C, AM=1.5

Application Conditions

Maximum System Voltage	1500VDC (IEC)
Maximum Series Fuse Rating	30A

Engineering Drawings



*Note: For specific dimensions and tolerance ranges, please refer to the corresponding detailed module drawings.

Electrical Performance