



Photo for Reference

Part number	
PR-JK-SP1MDB625-650	625W-650W N-type High-efficiency Dual-glass Bifacial Monocrystalline solar panel

Features
1.00% the 1st year power degradation, ≤0.4% annual power degradation
N-type Technology
Half cell Technology
Dual-Sided Power Generation
Anti-PID Guarantee
Better Temperature Coefficient
Better Low Irradiance response

Mechanical data	
Cell Type	N- type Mono-crystalline
No. of Cells	156 (78×2)
Dimensions (mm)	2465×1134×30
Weight (kg)	34.0
Front Glass Thickness (mm)	2.0, Anti-reflection Coating
Back Glass Thickness (mm)	2.0, Heat Strengthened Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68 Rated
Protection Class	Class II
IEC Fire Type	Class C

Connector Type	MC4/Others
Output Cables	4.0 mm ² (+): 400 mm , (-): 200 mm or Customized Length

Specifications(STC)

PR-JK-SP1MDB	625	630	635	640	645	650
Maximum Power - Pmax (Wp)	625	630	635	640	645	650
Maximum Power Voltage - Vmp (V)	47.54	47.70	47.86	48.02	48.17	48.33
Maximum Power Current - Imp (A)	13.15	13.21	13.27	13.33	13.39	13.45
Open-circuit Voltage - Voc (V)	56.95	57.08	57.21	57.34	57.47	57.60
Short-circuit Current - Isc (A)	13.80	13.86	13.92	13.98	14.04	14.10
Module Efficiency STC (%)	22.36	22.54	22.72	22.90	23.07	23.25
Power Tolerance (%)	0 ~ + 3					

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

Specifications(BNPI)

Maximum Power - Pmax (Wp)	688	693	699	704	710	716
Maximum Power Voltage - Vmp (V)	47.57	47.73	47.91	48.06	48.23	48.40
Maximum Power Current - Imp (A)	14.46	14.52	14.59	14.65	14.72	14.79
Open-circuit Voltage - Voc (V)	57.00	57.14	57.28	57.42	57.56	57.70
Short-circuit Current - Isc (A)	15.19	15.27	15.35	15.43	15.51	15.59

NOCT: Irradiance at 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s

Temperature Characteristics

Temperature Coefficients of Pmax (%/°C)	-0.29
Temperature Coefficients of Voc (%/°C)	-0.25
Temperature Coefficients of Isc (%/°C)	0.045

Application Conditions

Operating Temperature (°C)	-40 ~ +70
Maximum System Voltage (VDC)	1500 (IEC)
Maximum Series Fuse Rating (A)	30
Bifaciality Coefficient (%)	φVoc: 98±5, φIsc: 80±5, φPmax: 80±5

Packaging Configuration

Pallet Dimentions (mm)	2525×1140×1251
Packing Detail (Two pallets = One stack)	36 pcs/pallets, 72 pcs/stack,576 pcs/ 40'HQ Container

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