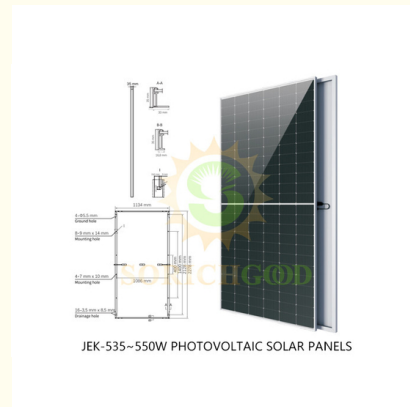




Robust 545W Monocrystalline Silicon Panels With 21.3% Module Efficiency

Basic Information

- Place of Origin: China
- Brand Name: JEK
- Certification: CE
- Model Number: PVSP535
- Minimum Order Quantity: 620 pcs per 40' HQ container
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T



Product Specification

- Rated Power: 545W
- Efficiency: 21.1%
- Maximum System Voltage: 1500V
- Open Circuit Voltage (Voc): 49.90V
- Short Circuit Current (Isc): 13.81A
- Maximum Series Fuse Rating: 25A
- Highlight: **545W Monocrystalline Silicon Panels, 1500V Monocrystalline Silicon Panels, 49.90V monocrystalline silicon solar cells**

Product Description

Robust 545W Monocrystalline Silicon Panels with 21.3% Module Efficiency for Maximum Energy Yield

Product Description:

This high-efficiency 545W mono-crystalline solar panel is designed for optimal performance in both residential and commercial solar installations. With an impressive module efficiency of up to 21.3%, it ensures maximum energy yield even in low-light conditions. The panel's robust construction, featuring an anodized aluminum frame and 3.2mm front glass, offers excellent durability and weather resistance. The 144-cell layout ensures higher power output and reliability. With a junction box rated at IP68 and a maximum system voltage of 1500V, this panel is well-suited for large-scale projects. Its advanced PERC technology ensures superior temperature performance, making it ideal for diverse climates.

Electrical Specifications				
STC: Irradiance 1000W/m ² , cell Temperature 25°C, AM=1.5				
Rated output (P _{mpp} /Wp)	535	540	545	550
Rated voltage (V _{mpp} /V)	41.60	41.76	41.93	42.10
Rated current (I _{mpp} /A)	12.86	12.93	13.00	13.06
Open circuit voltage (V _{oc} /V)	49.50	49.70	49.90	50.10
Short circuit current (I _{sc} /A)	13.61	13.72	13.81	13.90
Module efficiency	20.7%	20.9%	21.1%	21.3%

NMOT: Irradiance 800W/m ² , Ambient Temperature 20°C, AM=1.5, Wind speed 1m/s				
Rated output (P _{mpp} /Wp)	399.8	403.5	407.3	411.0
Rated voltage (V _{mpp} /V)	38.77	38.92	39.08	39.24
Rated current (I _{mpp} /A)	10.31	10.37	10.42	10.48
Open circuit voltage (V _{oc} /V)	46.78	46.97	47.16	47.34
Short circuit current (I _{sc} /A)	11.04	11.13	11.20	11.27

Temperature Ratings (STC) Operating Parameters			
Temperature coefficient (P _{mpp})	-0.35%/°C	No. of diodes	3
Temperature coefficient (I _{sc})	+0.045%/°C	Junction box IP rating	IP 68
Temperature coefficient (V _{oc})	-0.27%/°C	Max. series fuse rating	25A
Nominal module operating temperature (NMOT)	41±2°C	Max. system voltage (IEC/UL)	3500V

Mechanical Specifications			
Outer dimensions (LxWxH)	2278x1134x35mm	Maximum mechanical test load	5400Pa (front)/2400Pa (back)
Cell Type	P type Mono-crystalline	Connector type (IEC/UL)	HCB40/MC4-EVO2 (optional)
No. of cells	144 (6*24)	Module weight	26.9kg
Frame technology	Aluminum, silver anodized	Packing unit	31 pcs/box (Subject to sales contract)
Front glass thickness	3.2 mm	Weight of packing unit (for 40'HQ container)	893 kg
Cable length (IEC/UL)	Portrait: 300 mm; Landscape: 1400 mm	Modules per 40'HQ container	620 pcs
Cable diameter (IEC/UL)	4mm ² /12 AWG		

Application:

This solar panel is ideal for a wide range of applications, including rooftop residential installations, commercial buildings, and large solar farms. It is compatible with both grid-tied and off-grid systems, making it a versatile choice for users looking to

maximize energy efficiency in various environments.

Shipping Methods

Supports global air and sea shipping.



RICHGOOD ENERGY CO.,LTD



willa@fuhaosolar.com



fuhaosolar.com

Rm3810 Baoli E Building Pa Zhou Haizhu district Guangzhou