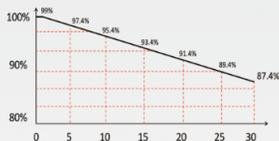




**510-530W 132**

### Product Features

- High power
- Low attenuation
- Excellent low light performance
- Visual total black



### Leading Quality Standards

**15 yr**  
Quality assurance

**30 yr**  
Power guarantee

**-0.4%**  
Annual decay

### Product System And Certification

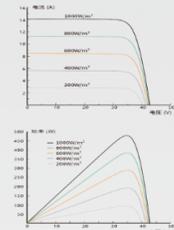
- ISO 9001
  - ISO 14001
  - ISO 45001
  - IEC 61215
  - IEC 61730
- 



### Mechanical Parameters

Cell	N-type TOPCon (132)
Dimensions	2094±2mm×1134±2mm×30±1mm
Weight	24kg±3%
Glass	3.2mm AR coating tempered glass, low iron
Frame	Black anodized aluminium alloy
Junction box	IP68, 3 diodes
Wireway	4mm <sup>2</sup> , 350mm (+) /350mm (-) or customized length
Packaging	36 pcs/pallet, 2134×1130×1270mm 900kg/pallet
Loading quantity	20GP: 180pcs, 40HQ: 792pcs, 17.5m truck: 1008pcs

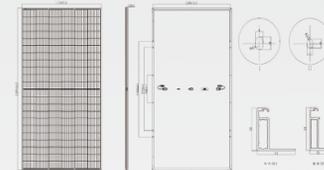
### I-V Curve



### Operation Parameters

Maxsystem voltage	1500V DC
Operating Temperature	-40°C → +85°C
Fuse's rated current	25A
Maxload front	5400Pa
Maxload back	2400Pa
NOCT	45±2°C
Safety level	Class II
Fire performance	UL Type I

### Drawing



### Electrical Parameters

Module	JKL132-B-510NH		JKL132-B-515NH		JKL132-B-520NH		JKL132-B-525NH		JKL132-B-530NH	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
STC/NOCT	510	380	515	384	520	388	525	392	530	396
Pmax [W]	39.63	36.11	39.77	36.26	39.90	36.41	40.05	36.54	40.21	36.69
Vmp [V]	12.87	10.55	12.95	10.61	13.02	10.67	13.12	10.75	13.19	10.81
Imp [A]	47.96	45.03	48.11	45.18	48.26	45.33	48.41	45.45	48.58	45.61
Isc [A]	13.69	11.03	13.76	11.10	13.83	11.17	13.94	11.24	14.01	11.30
EFF [%]	21.48%		21.69%		21.90%		22.11%		22.32%	
Power tolerance [W]	0 → +5W									
α <sub>Isc</sub>	+0.046%/°C									
β <sub>Voc</sub>	-0.250%/°C									
γ <sub>Pmp</sub>	-0.300%/°C									
STC	Irradiance 1000W/m <sup>2</sup> , Cell temperature 25°C, Spectral AM1.5									
NOCT	Irradiance 800W/m <sup>2</sup> , Ambient temperature 20°C, Spectrum AM1.5, Wind speed 1m/s									

Note: The electrical performance in this product catalog do not only refer to a single module, or are they promised in the contract. The electrical parameters are only used for comparison between different module types.h



Add: changzhi, Shanxi, China Tel: +86 355 5817288  
 Email: info@luansolar.com https: www.luansolar.com