



### SYSTEM & PRODUCT CERTIFICATES

- IEC 61215 / IEC 61730 / UL 61730
- ISO 9001: 2015 Quality Management System
- ISO 14001: 2015 Environment Management System
- ISO 45001: 2018 Occupational Health and Safety Management Systems



### PERFORMANCE WARRANTY

### KEY FEATURES



#### 10BB Half-cut Cell Technology

New circuit design, lower internal current, lower  $R_s$  loss  
Ga doped wafer, attenuation  $<2\%$  (1st year) /  $\leq 0.55\%$  (Linear)



#### Significantly Lower the Risk of Hot Spot

Special circuit design with much lower hot spot temperature



#### Lower LCOE

2% more power generation, lower LCOE



#### Excellent Anti-PID Performance

2 times of industry standard Anti-PID test



#### IP68 Junction Box

High waterproof level

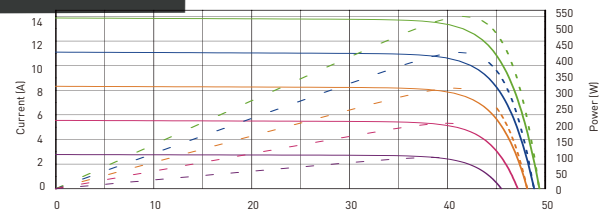
## ELECTRICAL CHARACTERISTICS

T	M	T	NM T	T	NM T	T	NM T	T	NM T	T	NM T
530	395	535	398	540	402	545	406	550	410		
41.32	38.60	41.48	38.70	41.64	38.80	41.80	39.00	41.96	39.10		
12.83	10.24	12.90	10.30	12.97	10.36	13.04	10.41	13.11	10.47		
49.32	46.40	49.46	46.50	49.60	46.70	49.76	46.80	49.92	47.00		
13.72	11.06	13.79	11.12	13.86	11.17	13.93	11.23	14.00	11.28		
20.50		20.70		20.90		21.10		21.30			

## MECHANICAL CHARACTERISTICS

Monoco	
144pcs	
22.8*1134*35mm (8.969*44.65*1.38inches)	
28g (61.73lbs.)	
3.2nm AR Coating Tempered Glass	
Anodized Aluminium Alloy	
IP68, 3 Bypass Diodes	
4mm <sup>2</sup> (IEC), 12AWG(UL)	
350mm(+),250mm(-) or Customized Length	
T0 /LJQ-3-CSY/MC4/MC4-EV02	

## I-V CURVE



## APPLICATION CONDITIONS

1000V/1500V/DC
-40°C~+85°C
25A
Class II

## TECHNICAL DRAWINGS

## TEMPERATURE CHARACTERISTICS

T	ff i f	-0.35%/°C
T	ff i f	-0.26%/°C
T	ff i f l	+0.048%/°C
N i L M l i		
T	(NM T)	43±2°C

## PACKING CONFIGURATION

i ll	31	31(USA)
i i (4 'H )	620	620



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