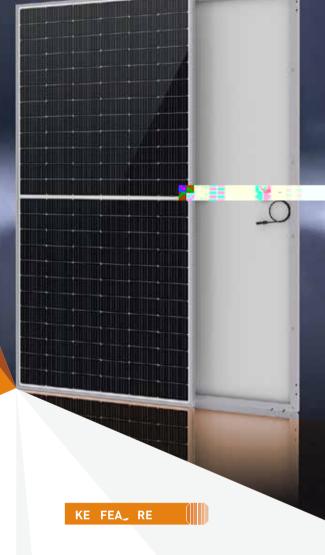


EM & PROD C CER_IFICA_E

- 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 ARRAN,



10BB H. . - C.New circuit design, lower internal current, lower Rs loss
Ga dopped wafer, attenuation < 2% (1st year) / ≤0.55% (Linear)



Special circuit design with much lower hot spot temperature



L , LCOE

2% more power generation, lower LCOE



E. .. **A -PID P**1 . 2 times of industry standard Anti-PID test



IP68 J . B High waterproof level

ELEC_RICAL CHARAC_ERI _IC

Testing Condition	STC	NMOT								
Maximum Power (Pmax/W)	530	395	535	398	540	402	545	406	550	410
Operating Voltage (Vmpp/V)	41.32	38.60	41.48	38.70	41.64	38.80	41.80	39.00	41.96	39.10
Operating Current (Impp/A)	12.83	10.24	12.90	10.30	12.97	10.36	13.04	10.41	13.11	10.47
Open-Circuit Voltage (Voc/V)	49.32	46.40	49.46	46.50	49.60	46.70	49.76	46.80	49.92	47.00
Short-Circuit Current (Isc/A)	13.72	11.06	13.79	11.12	13.86	11.17	13.93	11.23	14.00	11.28
Module Efficiency (%)	20.	50	20.	70	20.	90	21.	10	21	.30

STC: Irradiance 1000W/m², Spectra at AM1.5, Module Temperature 25 °C. Power output tolerance: 0~+5W, Test uncertainty for Pmax: ±3% NMOT: Irradiance 800W/m², Spectra at AM1.5, Ambient Temperature 20°C, Wind speed 1m/s

MECHANICAL CHARAC_ERI _IC

Cell Type	Monocrystalline Silicon (10Busbar)		
No. of Cells	144pcs in series (6*24)		
Module Dimensions	2278*1134*35mm (89.69*44.65*1.38inches)		
Weight	28kg (61.73lbs.)		
Front Glass	3.2mm AR Coating Tempered Glass		
Frame	Anodized Aluminium Alloy		
Junction Box	IP68, 3 Bypass Diodes		
Output Cables	4mm² (IEC), 12AWG(UL) 350mm(+),250mm(-) or Customized Length		
Connectors	T01/LJQ-3-CSY/MC4/MC4-EVO2		

APPLICA_ION CONDI_ION

Maximun System Voltage	1000V/1500V/DC
Operating Temperature	-40°C~+85°C
Maximun Series Fuse	25A
Safety Protection Class	Class II

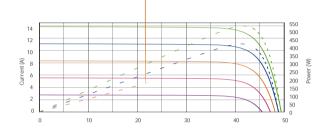
JEMPERAJ RE CHARACJERI JIC

Temperature Coefficient of Pmax	-0.35%/°C
Temperature Coefficient of Voc	-0.26%/°C
Temperature Coefficient of Isc	+0.048%/°C
Nominal Module Operating Temperature(NMOT)	43±2°C

PACKING CONFIG RAJION

Pieces Per Pallet	31	31(USA)
Pieces Per Container(40'HQ)	620	620

I-_ C R_E





ECHNICAL DRA ING



















