



QUALITY MANAGEMENT & PRODUCTION CERTIFICATION

- 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 ARRANGEMENT



KEY FEATURES



10BB Heterojunction Cell
New circuit design, lower internal current, lower R_s loss
Ga doped wafer, attenuation $< 2\%$ (1st year) / $\leq 0.55\%$ (Linear)



Special Circuit Design
Special circuit design with much lower hot spot temperature



2% more power generation
Lower LCOE
2% more power generation, lower LCOE



2 times of industry standard Anti-PID test
Enhanced Anti-PID Performance
2 times of industry standard Anti-PID test



High waterproof level
IP68 Junction Box
High waterproof level

ELECTRICAL CHARACTERISTICS

	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

	Monocrystalline Silicon (10Busbar)
	144pcs in series (6*24)
	2278*1134*35mm (89.69*44.65*1.38inches)
	28kg (61.73lbs.)
	3.2mm AR Coating Tempered Glass
	Anodized Aluminium Alloy
	IP68, 3 Bypass Diodes
	4mm ² (IEC), 12AWG(UL) 350mm(+),250mm(-) or Customized Length
	T01/LJQ-3-CSY/MC4/MC4-EV02

APPLICATION CONDITION

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

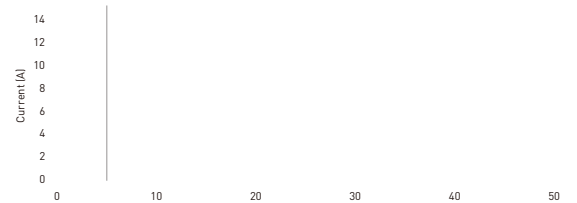
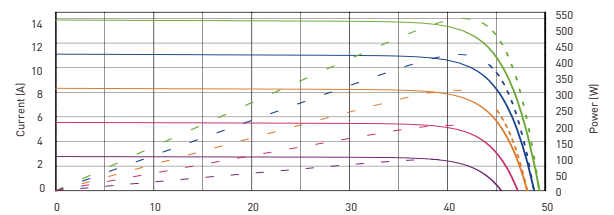
TEMPERATURE CHARACTERISTICS

	-0.35%/°C
	-0.26%/°C
	+0.048%/°C
	43±2°C

PACKING CONFIGURATION

	31	31(USA)
	620	620

I-C-R-E



TECHNICAL DRAWING



Talesun Solar Energy Technology Co., Ltd. is a leading manufacturer of solar panels, inverters, and other renewable energy products. We are committed to providing high-quality, reliable solutions for your solar power needs. Our products are designed for efficiency and durability, ensuring long-term performance in various environments. Contact us today for more information and to explore our full range of offerings.