



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



**Special Low Temperature Resistance**  
Special circuit design with much lower hot spot temperature



**Low LCOE**  
2% more power generation, lower LCOE



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



**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 <sup>2</sup> (IEC), 12AWG(UL) 350mm(+),250mm(-) or Customized Length
	T01/LJQ-3-CSY/MC4/MC4-EV02

### APPLICATION CONDITIONS

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

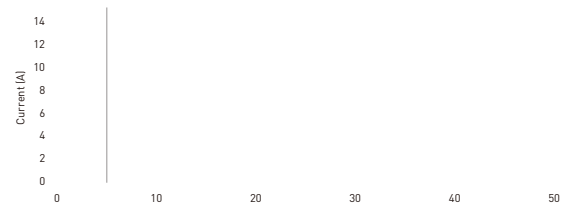
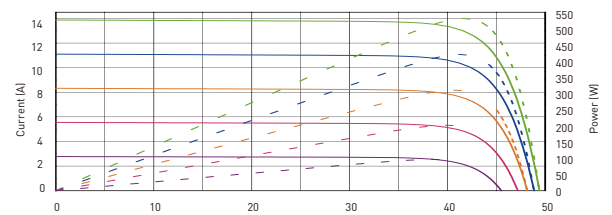
### TEMPERATURE CHARACTERISTICS

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

### PACKING CONFIGURATION

	31	31(USA)
	620	620

### PERFORMANCE



### TECHNICAL DRAWING



Talesun Solar Energy Technology Co., Ltd. is a leading manufacturer of solar panels, inverters, and other solar energy products. The company is committed to providing high-quality, reliable, and efficient solar energy solutions for residential and commercial applications. With a focus on innovation and customer satisfaction, Talesun has established a strong reputation in the solar industry. The company's products are designed to maximize energy production and reduce the overall cost of solar energy. Talesun is a member of the International Electrotechnical Commission (IEC) and follows strict quality control standards. The company's commitment to excellence is reflected in its ISO 9001 certification. Talesun is a global leader in solar energy technology, with a strong presence in the Asian market. The company's products are widely used in various countries, including China, the United States, and Europe. Talesun is dedicated to providing the best possible solar energy solutions for its customers. The company's products are designed to be durable, reliable, and easy to install. Talesun is a leading manufacturer of solar panels, inverters, and other solar energy products. The company is committed to providing high-quality, reliable, and efficient solar energy solutions for residential and commercial applications. With a focus on innovation and customer satisfaction, Talesun has established a strong reputation in the solar industry. The company's products are designed to maximize energy production and reduce the overall cost of solar energy. Talesun is a member of the International Electrotechnical Commission (IEC) and follows strict quality control standards. The company's commitment to excellence is reflected in its ISO 9001 certification. Talesun is a global leader in solar energy technology, with a strong presence in the Asian market. The company's products are widely used in various countries, including China, the United States, and Europe. Talesun is dedicated to providing the best possible solar energy solutions for its customers. The company's products are designed to be durable, reliable, and easy to install.