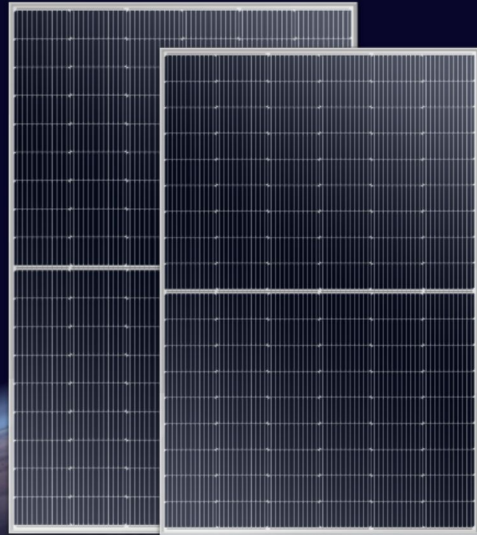


535-555 Watt

182mm 144Cells PV Module



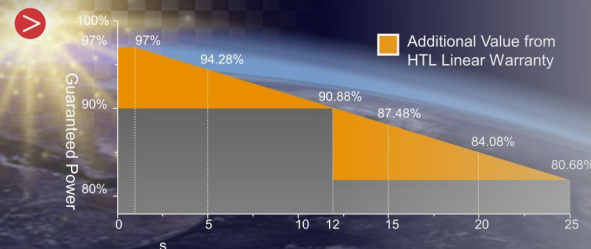
BLACK *BLACK FRAME/BLACK BACK-SHEET PRODUCTS ARE AVAILABLE UPON REQUEST

12 Years Material & Craft Quality assurance

12 Years 90% Output Power guarantee

25 Years 80% Output Power guarantee

CPIC



产品特性

PRODUCT FEATURE

- High transmissivity, low-iron tempered glass.
- Using high efficiency mono solar cells
- Excellent performance in low-light environments
- High quality junction box and connector systems
- 100% inspection, to guarantee the reliability of solar systems
- Anti LID
- Anti PID
- Lower temperature coefficient

管理系统

MANAGEMENT SYSTEM

- ISO 9001**: Quality management system
- ISO 14001**: Standard for environmental management system
- OHSAS 18001**: International standard for occupational health and safety assessment system

产品证书

PRODUCT CERTIFICATES



电性能参数 Electrical performance parameters (STC)

组件型号	Module Type	HTL-535M10		HTL-540M10		HTL-545M10		HTL-550M10		HTL-555M10	
		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
最大功率	Maximum Power- Pmax(W)	535	399.9	540	403.6	545	407.4	550	411.1	555	414.8
开路电压	Open Circuit Voltage - Voc(V)	49.35	46.40	49.50	46.54	49.65	46.68	49.80	46.82	49.95	46.97
短路电流	Short- Circuit Current - Isc(A)	13.78	11.12	13.85	11.17	13.92	11.23	13.99	11.29	14.05	11.34
峰值功率电压	Voltage at Pmax -Vmp(V)	41.50	38.72	41.65	38.86	41.80	39.00	41.95	39.14	42.10	39.28
峰值功率电流	Current at Pmax - Imp(A)	12.90	10.33	12.97	10.39	13.04	10.45	13.12	10.51	13.19	10.56
组件效率	Module Efficiency -ηm(%)	20.7	/	20.9	/	21.1	/	21.3	/	21.5	/
功率差	Power Tolerance(W)	(0/+5)									
最大系统电压	Maximum System Voltage(V)	1500Vdc (IEC)									
最高系列保险丝额定值	Maximum Series Fuse Rating (A)	30A									

STC : Irradiance 1000W/m², Cell Temperature 25°C, Air Mass 1.5

NOCT : Irradiance 800W/m², Ambient Temperature 20°C, Air Mass 1.5, Wind Speed 1m/s

机械参数 Mechanical Specifications

外形尺寸	External Dimensions	2279 x 1134 x 35mm
重量	Weight	27.5kg
太阳能电池	Solar Cells	Mono crystalline 182*91mm (6x24pcs)
玻璃	Front Glass	AR Coated 3.2 mm tempered glass
边框	Frame	Anodized aluminum alloy
接线盒	Junction Box	≥IP67
输出电缆	Output Cables	4.0mm ² , 30cm (+), 30cm (-), length can be customized
连接器	Connector	MC4 Compatible
机械负荷	Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

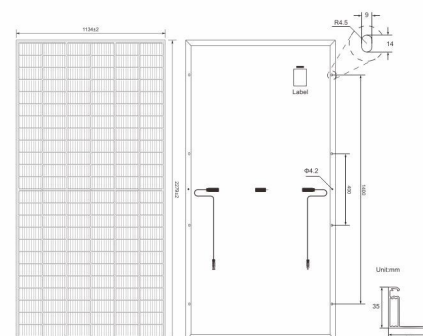
包装方式 Packing Configuration

		2279 x 1134 x 35mm	
集装箱	Container	20'GP	40'HQ
每托数量	Pieces per Pallet	31	31
每集装箱托盘	Pallets per Container	5	20
每集装箱数量	Pieces per Container	155	620

温度系数 Temperature Characteristics

峰值功率	Pmax Temperature Coefficient	-0.350%/°C
开路电压	Voc Temperature Coefficient	-0.275%/°C
短路电流	Isc Temperature Coefficient	+0.045%/°C
标准工作温度范围	Operating Temperature	-40 ~ +85°C
标准工作温度	Nominal Operating Cell Temperature(NOCT)	45 ± 2°C

尺寸图 Dimension Drawing



I-V 图表 I-V Graph

Current-Voltage & Power-Voltage Curves

