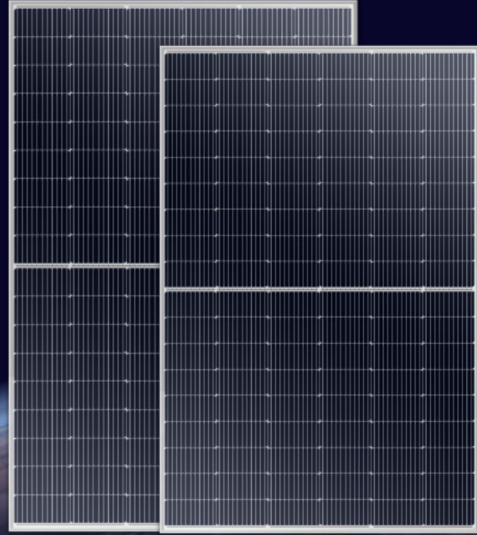


395-415 Watt

182mm 108 Cells PV Module



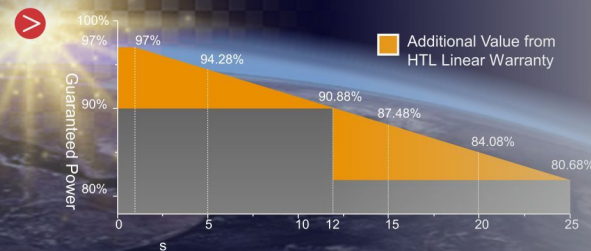
BLACK *BLACK FRAME/BLACK BACK-SHEET PRODUCTS ARE AVAILABLE UPON REQUEST

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-395M10		HTL-400M10		HTL-405M10		HTL-410M10		HTL-415M10	
		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
最大功率	Maximum Power- Pmax(W)	395	298	400	302	405	306	410	310	415	314
开路电压	Open Circuit Voltage - Voc(V)	36.98	34.75	37.07	34.88	37.23	35.12	37.32	35.23	37.45	35.37
短路电流	Short- Circuit Current - Isc(A)	13.70	10.96	13.79	11.03	13.87	11.10	13.95	11.16	14.02	11.22
峰值功率电压	Voltage at Pmax -Vmp(V)	30.84	29.08	31.01	29.26	31.21	29.47	31.45	29.72	31.61	29.89
峰值功率电流	Current at Pmax - Imp(A)	12.81	10.25	12.90	10.32	12.98	10.38	13.04	10.43	13.13	10.50
组件效率	Module Efficiency - η (%)	20.2	/	20.5	/	20.8	/	21.0	/	21.3	/
功率差	Power Tolerance(W)	(0, +4.99W)									
最大系统电压	Maximum System Voltage(V)	1500Vdc (IEC / CE)									
最高系列保险丝额定值	Maximum Series Fuse Rating (A)	25A									

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	1722x1134x30mm
重量	Weight	20.5kg
太阳能电池	Solar Cells	Mono crystalline 182*91mm (2x54pcs)
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

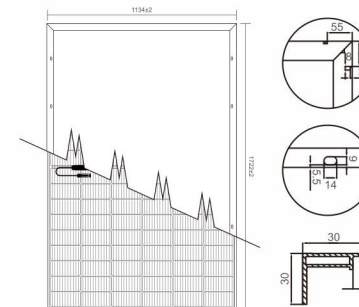
包装方式 Packing Configuration

		1722x1134x30mm	
集装箱	Container	20'GP	40'HQ
每托数量	Pieces per Pallet	36	36
每集装箱托盘	Pallets per Container	12	26
每集装箱数量	Pieces per Container	432	936

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

