

TW*MCP-132-H MONOCRYSTALLINE MODULE**

Product Features:



Ultra low performance degradation



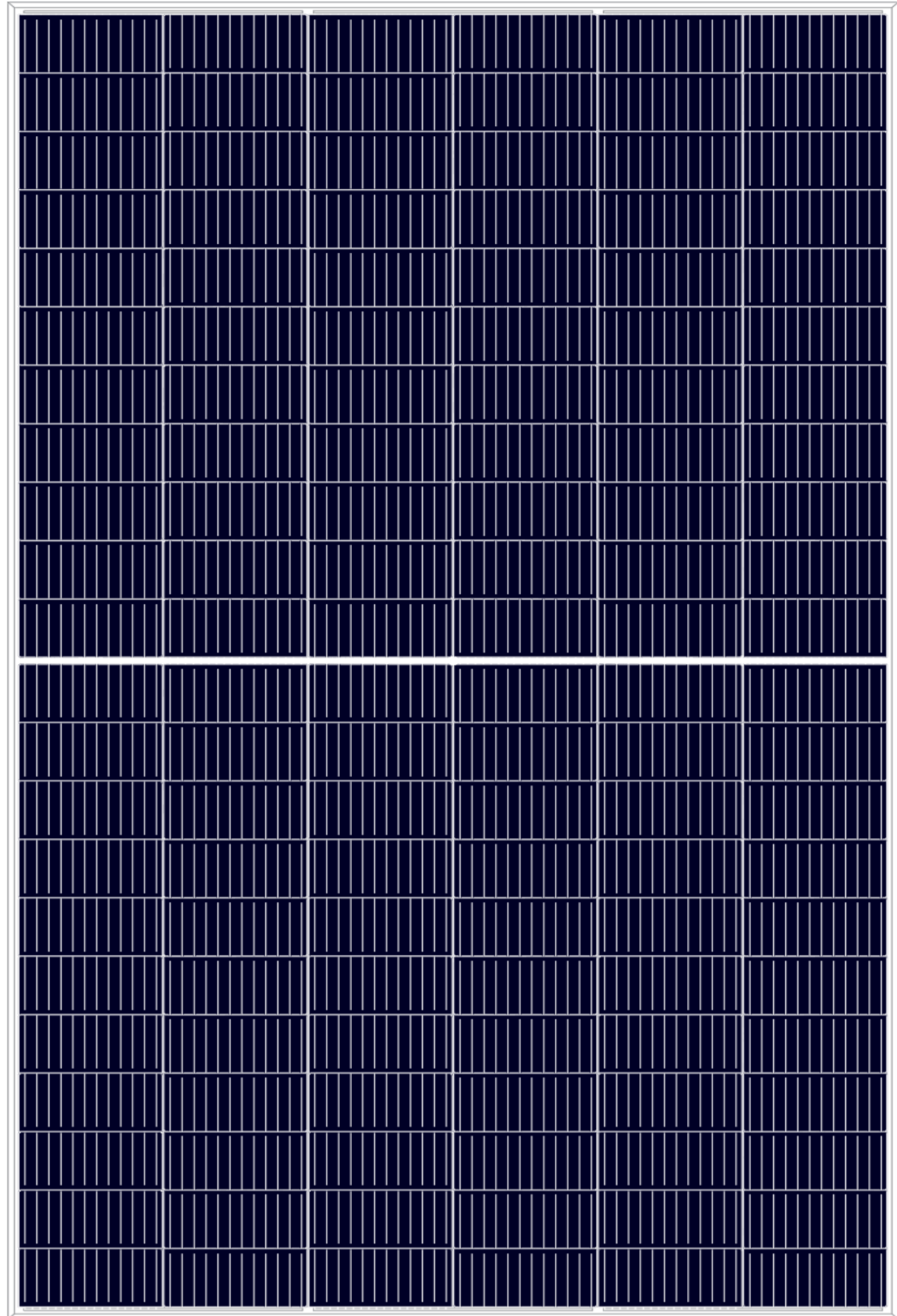
Maximum power up to 675W+



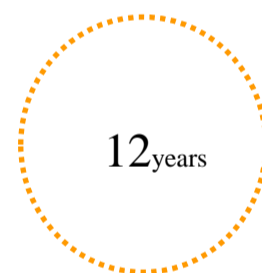
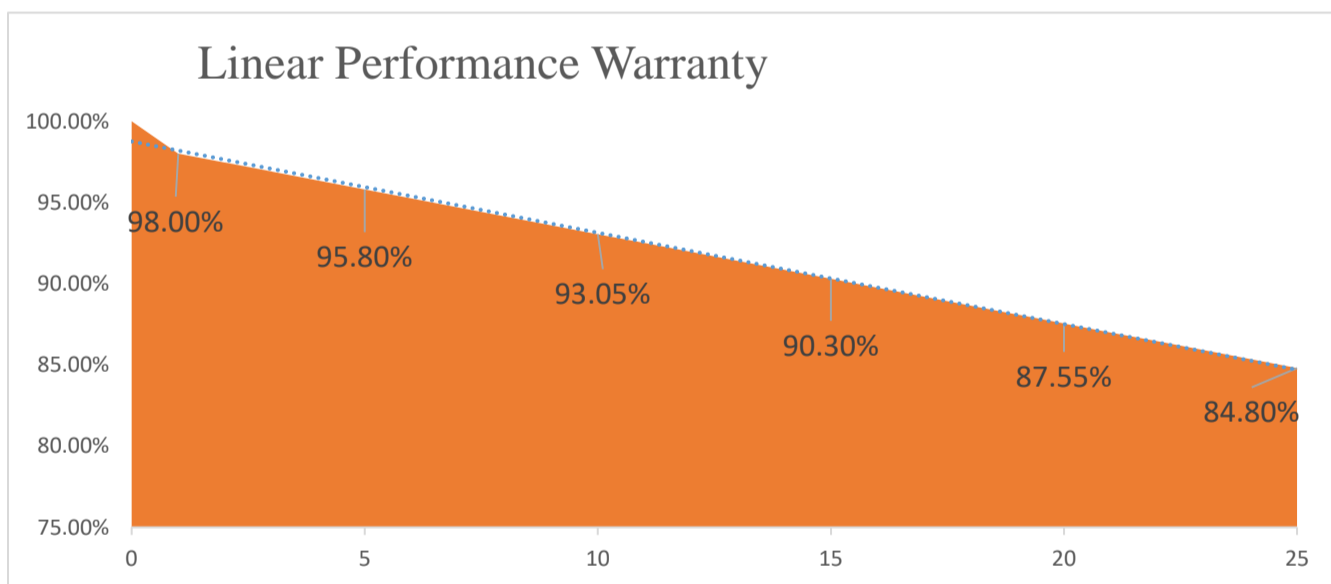
High module quality ensure long-term reliability



Excellent outdoor power generation performance



Extra Linear Power Output Warranty



Materials and Processing Warranty



Extra Linear Power Output Warranty

System Certifications:

- ISO9001: Quality Management System
- ISO14001: Environmental Management System
- ISO45001: Occupational Health and Safety Management System

Product Certifications :



Electrical Data (STC)

	TW645M	TW650M	TW655M
Module Type:	CP-132-H	CP-132-H	CP-132-H
Maximum Power- P_{MAX} (Wp):	645	650	655
Open Circuit Voltage- V_{OC} (V)	44.89	45.05	45.25
Short Circuit Current- I_{SC} (A)	18.32	18.39	18.45
Maximum Power Voltage- V_{MPP} (V)	37.20	37.40	37.60
Maximum Power Current- I_{MPP} (A)	17.34	17.38	17.42
Module Efficiency η (%)	20.8	20.9	21.1

STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass1.5, Measuring tolerance: $\pm 3\%$

Mechanical Data

Solar Cells	Monocrystalline
No. of cells	132Cells [6×22]
Module Dimensions	2384×1303×35mm
Weight	34.2KG
Glass	3.2mm, High Transmission, AR Coated Heat Strengthened Glass
Backsheet	White
Frame	Anodized Aluminium Alloy
J-Box	IP 68 rated, Three diodes
Cables	4.0 mm ² , Portrait 280/280mm C1, Jiangsu Holysun Electronics Technology Co., Ltd. C1, JINZHOU YANGGUANG ENERGY CO., LTD. C2 and LJ-01, Jiangsu Holysun Electronics Technology Co., Ltd. C2xyz (x=blank; y=blank; z=blank);LJ-01x (x=blank), Jiangsu Holysun Electronics Technology Co., Ltd. LSC-R1, LEONI Cable (China) Co., Ltd. PV-KST4-EVO 2/xy_UR;PV-KBT4-EVO 2/xy_UR, Stäubli Electrical Connectors AG PV-KST4-EVO 2A/xy;PV-KBT4-EVO 2A/xy, Stäubli Electrical Connectors AG UTXCFabcd;UTXCMabcd, Amphenol Technology (Shenzhen) Co., Ltd. SIKE6, ZHEJIANG FOR SOL ENERGY Co., Ltd. FC4-4, ZHEJIANG FOR SOL ENERGY Co., Ltd. PV-JY-0901-3, Yangzhou Langri New Energy technology Co., Ltd. PV-JY-0901-4, Yangzhou Langri New Energy technology Co., Ltd. PV-JY-0901-5, Yangzhou Langri New Energy technology Co., Ltd. Z4S-abcde, Zerun Co., LTD PV-XT101.1, Suzhou Xtone Photovoltaic Technologies Co., Ltd.
Connector	
Static Load(Front/Rear)	5400Pa/2400Pa
Modules per box	31pcs per pallet
Packaging	558 pcs per 40'HC

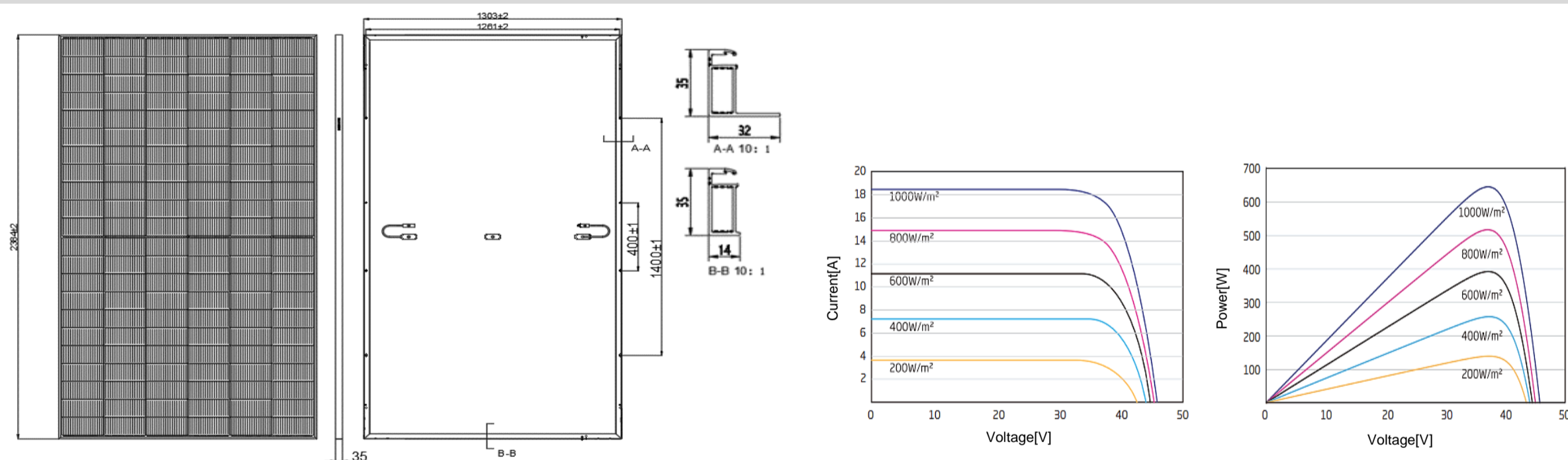
TEMPERATURE RATINGS

Temperature Coefficient of P_{MAX}	-0.35%/°C
Temperature Coefficient of V_{OC}	-0.27%/°C
Temperature Coefficient of I_{SC}	+0.045%/°C

MAXIMUM RATINGS

Operational Temperature	-40°C~+85°C
Maximum System Voltage	1500V DC
Max Series Fuse Rating	30A
Power Selection	0~+5W
Fire Safety Class	Class C

Dimensions Of PV Module(mm)



CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.