TW SOLAR

182PERC-Half-cell Mono-facial Module(54)

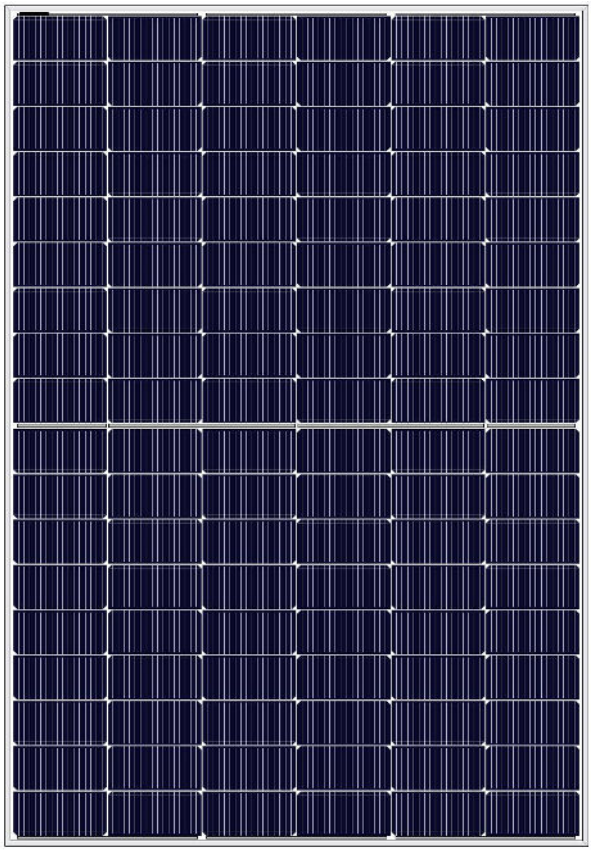
Product Feature

High Power Output
Low LCOE

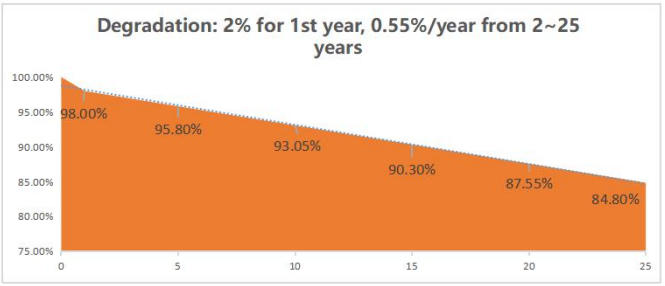
Maximum Power
up to 420W

High Reliability

Low Degradation



Linear Warranty



25 year — Warranty for Material and Processing

25 year — Warranty for Linear Power output

Management System certification

ISO9001: 2015/Quality Management System
ISO14001: 2015/Environmental Management System
ISO45001: 2018/Occupational Health and Safety Management System

Product certification

Tongwei Solar (Hefei) Co., Ltd
Made in China

Electrical Characteristics (STC)					
Moduel type：TWMPD-54HS***					
Maximum Power：Pmax [W]	400	405	410	415	420
Open Circuit Voltage：Voc [V]	37.08	37.23	37.38	37.53	37.68

Temperature rating	
Temperature Coefficient of Pmax	-0.34%/℃
Temperature Coefficient of Voc	-0.27%/℃
Temperature Coefficient of	

Cable type

Zhejiang Renhe Photovoltaic Technology Co., Ltd.
Zhejiang Zhonghuan Sunter PV Technology Co., Ltd.
Zhejiang Jiaming Tianheyuan Photovoltaics Technology Co., Ltd
Ningbo Kibor Wire&Cable Co., Ltd.
Wuxi Xinhongye Wire&Cable Co., Ltd.
Trina Solar Co., Ltd.
Changshu JHOSIN Communication Technology Co., Ltd.
SUZHOU YONGHAO CABLE CO LTD
QC Solar (Suzhou) Corporation
Suzhou Baohing Electric Wire & Cable Manufacturer Co., Ltd.
Jiangxi Jinko PV Material Co., Ltd.
Jiangxi Hejia Technology Co., Ltd.
YushanXinzhan Industrial Co., Ltd.
DONGGUAN XINBEISEN WIRE AND CABLE CO LTD
Jiangxi Han Guang Cable Co., Ltd.
RUIXU INDUSTRY CO., LTD.
Suzhou Xietong Photovoltaic Technology Co., Ltd.
Jiangsu Tongling Electric Co., Ltd.

Connector type

05-8, Zhejiang Renhe Photovoltaic Technology Co., Ltd.
PV-KST4-EVO2/xy_UR , PV-KBT4-EVO2/xy_UR, Stäubli Electrical Connectors AG
PV-KST4-EVO2A/xy, PV-KBT4-EVO2A/xy, Stäubli Electrical Connectors AG
UTXCFabcd, UTXCMabcd, Amphenol Technology (Shenzhen) Co., Ltd.
RHC2xyzu, Zhejiang Renhe Photovoltaic Technology Co., Ltd.
PV-JM608，Zhejiang Jiaming Tianheyuan Photovoltaics Technology Co., Ltd.
PV-JM601A，Zhejiang Jiaming Tianheyuan Photovoltaics Technology Co., Ltd.
PV4-S1yx，Tyco Electronics (Shanghai) Co., Ltd.
HQC4，Hanwha Q CELLS (Qidong) Co., Ltd
PV-CO02-xy，SUZHOU UKT NEW ENERGY TECHNOLOGY CO., LTD
TS4-xz ，Trina Solar Co., Ltd.
TS4，Trina Solar Co., Ltd.
H4Cabcdef，Amphenol Technology (Shenzhen) Co., Ltd.
PV-CF-C-2, 5-4-SETxxxx， PV-CM-C-2, 5-4-SETxxxx，Phoenix Contact GmbH & Co.KG
PV-ZH202B，Zhejiang Zhonghuan Sunter PV Technology Co., Ltd.
QC4.10-cds, QC Solar (Suzhou) Corporation
PV-MH5，Ningbo Minghe New Energy Technology Co., Ltd.
TL-CABLE01S-F，TL-CABLE01S，Jiangsu Tongling Electric Co., Ltd.
PV-KST4-EVO 2A/xy_UR; PV-KBT4-EVO 2A/xy_UR，Stäubli Electrical Connectors AG
PV-XT101.1，Suzhou Xietong Photovoltaic Technology Co., Ltd.
PV-JK03M-2, PV-JK03M/xy, PV-JK03M1/xy, PV-JK03M2/xy, Jiangxi Jinko PV Material Co., Ltd.
UTXCFabcde, UTXCMabcde, Amphenol Technology (Shenzhen) Co., Ltd.
TW-PVCON-01,Tongwei Solar (Hefei) Co., Ltd.