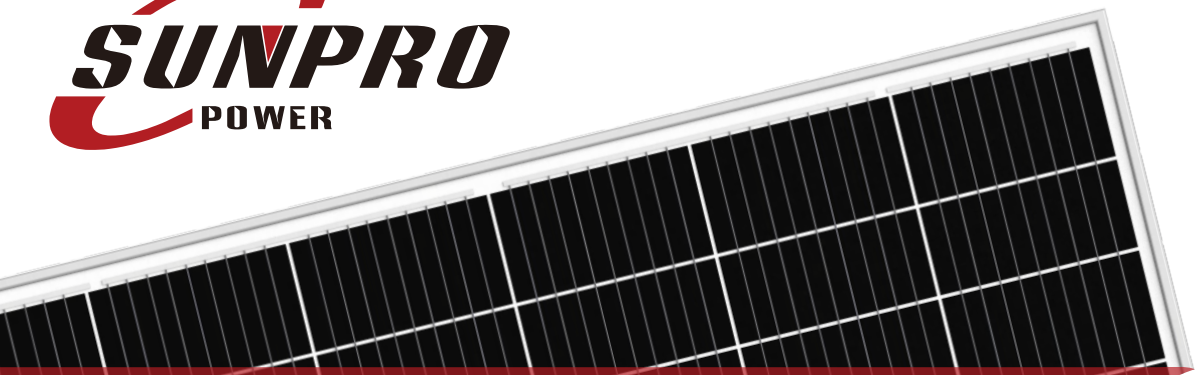
SUNPRO POWER



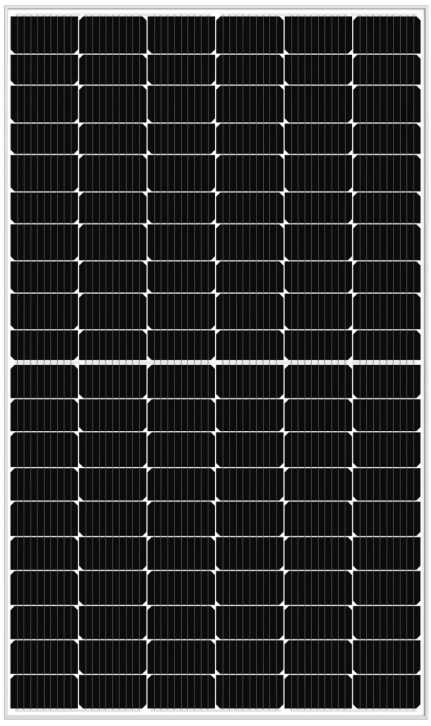
M6 HIEFF MONO PERC by SUNPRO

355-375

HIGH EFFICIENCY

PV CYCLE CE SOLARIF GROUP

TÜV SÜD ISO 14001 | TÜV SÜD ISO 9001 | TÜV SÜD ISO 45001 | INMETRO



POWER TOLERANCE
0~+3%

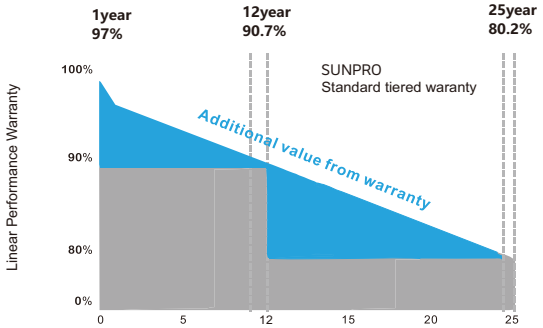
WITHSTAND STRONG SNOW LOAD 8000 Pa/ WIND LOAD 8000 Pa

NEW TECHNOLOGY: HIEFF UP TO 20,59%
Higher yield per surface area, lower BOS costs, higher power classes, and an effciency rate of up to 20.59%.

PRODUCT WITH HIEFF BY SUNPRO TECHNOLOGY
SUNPRO DUO combines cuting edge cell separation and innovative 9-busbar design with SUNPRO Technology.

Reliability & Certification

Product Guarantee:15-year
Linear Performance Warranty
12-year:90.7% power output
25-year:80.2% power output



Product Specification

Electrical parameters at standard test conditions
(STC:AM=1.5, 1000W/m² ,Cells Temperature25℃)

Typical type	355W	360W	365W	370W	375W
Max power(Pmax)	355	360	365	370	375
Max power voltage(Vmp)	33.8	33.9	34.0	34.1	34.2
Max power current(Imp)	10.51	10.62	10.74	10.85	10.97
Open circuit voltage (Voc)	41.1	41.2	41.3	41.4	41.5
Short circuit current (Isc)	11.07	11.18	11.30	11.41	11.53
Module Efficiency(%)	19.49	19.77	20.04	20.32	20.59
Max system voltage	DC 1500V(TUV) / DC 1000V(TUV)				
Maximum Series Fuse Rating	20A				

Mechanical Data

Item	Specification
Dimensions	1755x1038x35mm
Weight	20.2kgs
Front glass	3.2mm tempered glass
Output cables	4mm² symmetrical lengths 1100mm
Connectors	MC4 compatible IP68
Cell type	Mono-Crystalline PERC Half-Cell 83mmx166mm
Number of cells	120 cells

Temperature Characteristics

Item	Specification
Temp.Coeff.of Isc(TK Isc)	0.049%/℃
Temp.Coeff.of Voc(TK Voc)	-0.26%/℃
Temp.Coeff.of Pmax(TK Pmax)	-0.34%/℃
Operating temperature	-40~+85℃
Normal operating cell temperature	45±2℃

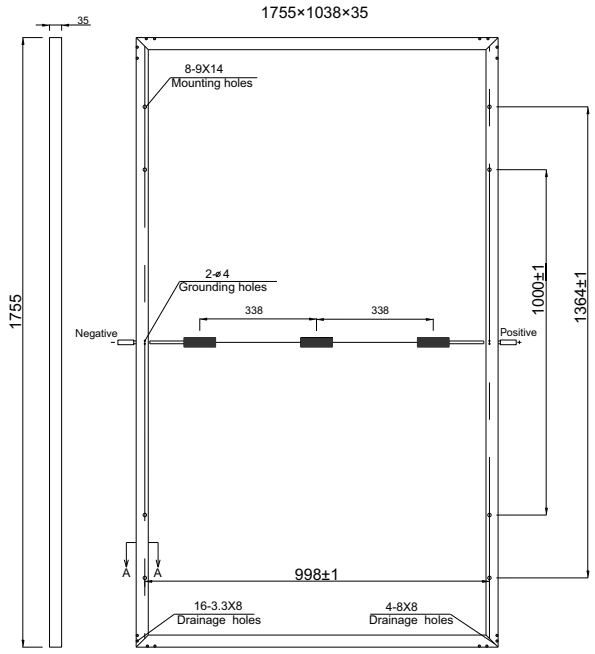
Packing Configuration

Item	Specification		
Container	20'GP	40'GP	40'HQ
Pieces per pallet	58	60	64
Pallets per container	6	13	13
Pieces per container	348	780	832

Test, Certifications and Warranties

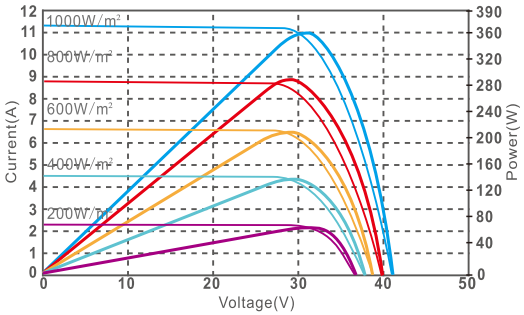
Item	Specification
Standard tests	IEC 61215, IEC 61730, IEC 61701, IEC 62716, PPP 58042B
System certs	ISO 9001, ISO14001, ISO45001
Certifications	TUV, AMMONIA AND SALT MIST CORROSION, ANTI-PID, CE, WEEE, INMERTRO
Extreme wind and snow loads testing	Withstand extreme wind(8000 Pascal) and snow loads(8000 Pascal)
Power tolerance	0~+3%
Junction box	IP68
Warranties	15 years product warranty and 25 years 80% of power

Dimensions and Structure



I-V Curve

I-V characteristics at different irradiations



I-V characteristics at different temperature

