

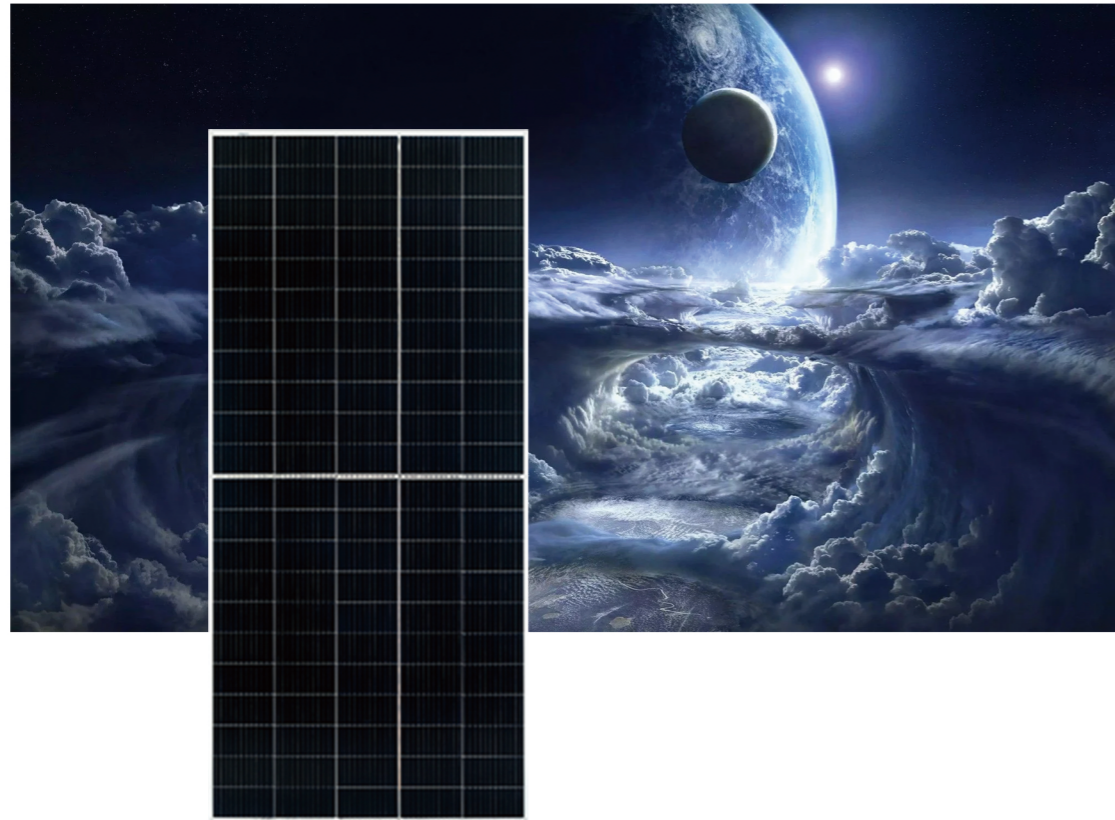
XTMONO210TT SERIES

110 CELL
Mono PERC Module

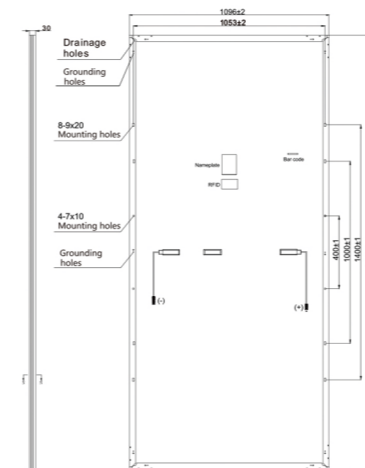
530-555Wp
Power Output Range

1500VDC
Maximum System Voltage

21.2%
Maximum Efficiency



Dimensions of PV Module Unit: mm



ELECTRICAL DATA (STC)

Model Number	XT530TT	XT535TT	XT540TT	XT545TT	XT550TT	XT555TT
Rated Power in Watts-Pmax(Wp)	530	535	540	545	550	555
Open Circuit Voltage-Voc(V)	37.38	37.58	37.78	38.02	38.24	38.46
Short Circuit Current-Isc(A)	18.08	18.13	18.18	18.23	18.28	18.33
Maximum Power Voltage-Vmpp(V)	31.06	31.26	31.46	31.66	31.86	32.06
Maximum Power Current-Impp(A)	17.07	17.12	17.17	17.22	17.27	17.32
Module Efficiency (%) *	20.3	20.5	20.7	20.9	21.0	21.2

STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3.
* Module Efficiency (%): Round-off to the nearest number

ELECTRICAL DATA (NMOT)

Model Number	XT530TT	XT535TT	XT540TT	XT545TT	XT550TT	XT555TT
Maximum Power-Pmax (Wp)	401.5	405.3	409.0	412.8	416.7	420.5
Open Circuit Voltage-Voc (V)	34.76	34.95	35.14	35.36	35.56	35.77
Short Circuit Current-Isc (A)	14.83	14.87	14.91	14.95	14.99	15.03
Maximum Power Voltage-Vmpp (V)	28.82	29.01	29.19	29.38	29.57	29.75
Maximum Power Current-Impp (A)	13.93	13.97	14.01	14.05	14.09	14.13

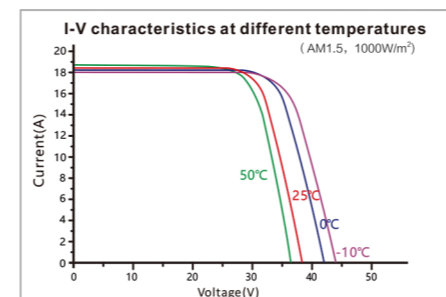
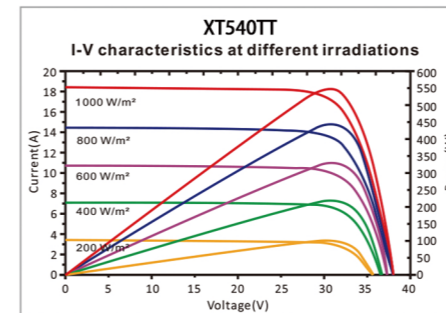
NMOT: Irradiance at 800 W/m², Ambient Temperature 20°C, Wind Speed 1 m/s.

MECHANICAL DATA

Solar cells	Monocrystalline
Cell configuration	110 cells (5×11+5×11)
Module dimensions	2384×1096×30mm
Weight	30.5kg
Superstrate	High Transmission, Low Iron, Tempered ARC Glass
Substrate	White Back-sheet
Frame	High strength alloy steel
J-Box	Potted, IP68, 1500VDC, 3 Schottky bypass diodes
Cables	4.0mm ² (12AWG), Positive(+)350mm, Negative(-)230mm (Connector Included)
Connector	Risen Twinsel PV-SY02, IP68

TEMPERATURE & MAXIMUM RATINGS

Nominal Module Operating Temperature (NMOT)	44°C±2°C
Temperature Coefficient of Voc	-0.25%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.34%/°C
Operational Temperature	-40°C~+85°C
Maximum System Voltage	1500VDC
Max Series Fuse Rating	30A
Limiting Reverse Current	30A



- Industry leading lowest thermal co-efficient of power
- Industry leading 12 years product warranty
- Excellent low irradiance performance
- Excellent PID resistance
- Positive power tolerance of 0~+3%
- Dual stage 100% EL Inspection warranting defect-free product
- Module Imp binning radically reduces string mismatch losses
- Excellent wind load 2400Pa & snow load 5400Pa under certain installation method