Blueline XT Panels

The latest technological breakthrough in solar panels

NEW

Introducing Anti-Reflective XT Solar Panels from Blueline Solar.

The latest technological breakthrough in solar panels - an Anti-Reflective Silica-Coating (ARC) available ONLY from Blueline Solar, which repels dirt and dust particles, allowing more sunlight IN - and more power OUT.

ARC technology XT Solar Panels are now available with all Blueline Solar photovoltaic systems at NO EXTRA COST.

XT PANEL TECHNOLOGY

- Plus power tolerance (0 to +3%) to ensure the high reliability of power output
- Most updated design with drainage holes in the frame ensures the modules will withstand various weather conditions
- Modules certified by TÜV to withstand high level of wind loads (2400Pa) and snow loads (5400 Pa)*
- Propriety ARC technology glass design allows more light through which in turn results in higher performance everyday
- Junction box and bypass diodes guarantee the modules free of overheating and "hot spot effect"
- Made by the most vertically integrated solar manufacturer in the industry with production of ingots, wafer, solar cells and modules using both mono crystalline and multi crystalline technology.
- Manufacturing with international quality standards and environment management system: ISO 9001 and ISO 14001
- Modules certified by global testing facilities: IEC61215, IEC61730, CE, ROHS
- A 4 tier warranty backed by a world leading independent insurance company guarantees the longevity of your XT solar panels

Leading edge technology only available through our exclusive retail partners.

Tel: 1300 551 555 www.bluelinesolar.com.au

PHOTOVOLTAIC MODULE

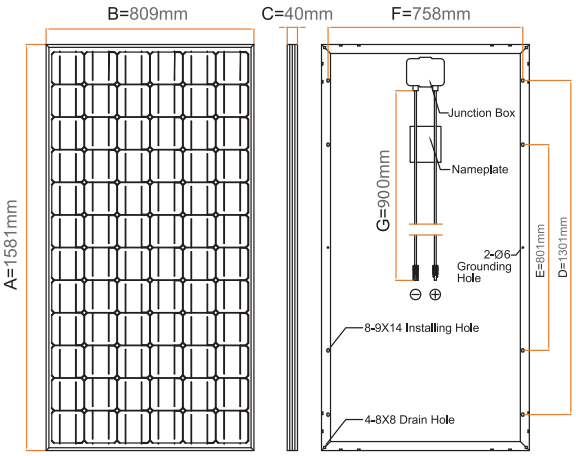
185W / 190W / 195W / 200W

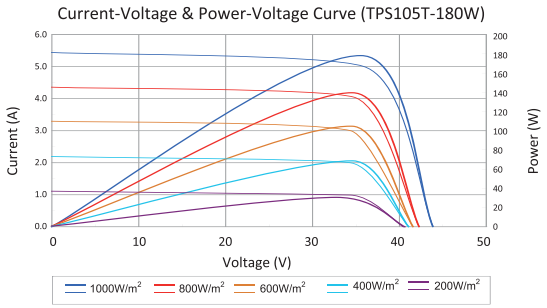
MECHANICAL SPECIFICATION	
Cell Type	Monocrystalline 125×125 mm (5 inches)
Number of cells	72 (6×12)
Dimensions (A×B×C)	1581×809×40mm
Weights	14kg
Front Glass	3.2 mm Low iron tempered glass
Frame	Anodized aluminum
Junction Box	IP 65, with bypass diodes
Connector	MC4 compatible
Output Cables	TÜV, ±length 900mm, 4.0mm²

TEMPERATURE CHARACTERISTICS	
Nominal Operating Cell Temperature (NOCT)	47±3°C
Temperature Coefficient of Pmax (γ)	-0.47%/K
Temperature Coefficient of Voc (β)	-0.36%/K
Temperature Coefficient of Isc (α)	0.05%/K

SYSTEM INTEGRATION PARAMETERS	
Maximum system voltage	DC 1000V
Maximum Series Fuse	10A
Maximum reverse current	13.5A
Increased snowload acc. to IEC 61215	5400Pa/m²
Operating Temperature	-40~+85°C

MECHANICAL DRAWINGS





	185W	190W	195W	200W
ELECTRICAL CHARACTERISTICS				
PERFORMANCE AT STANDARD TEST CONDITIONS (STC: 1000 W/m², 25 °C, AM 1.5)				
Maximum Power at STC (Pmax)	185W	190W	195W	200W
Short Circuit Current (Isc)	5.61A	5.66A	5.68A	5.72A
Open Circuit Voltage (Voc)	43.40V	44.00V	45.00V	45.20V
Maximum Power Current (Impp)	5.14A	5.23A	5.33A	5.41A
Maximum Power Voltage (Vmpp)	36.00V	36.30V	36.60V	37.00V
Encapsulated Cell Efficiency	17.30%	17.80%	18.20%	18.60%
Power Tolerance	0/+3%	0/+3%	0/+3%	0/+3%
PERFORMANCE AT NORMAL OPERATING CELL TEMPERATURE (NOCT: 800W/m²,47±3°C,AM 1.5)				
Short Circuit Current (Isc)	4.73A	4.77A	4.79A	4.82A
Open Circuit Voltage (Voc)	40.25V	40.81V	41.73V	41.92V
Maximum Power Current (Impp)	4.20A	4.28A	4.36A	4.42A
Maximum Power Voltage (Vmpp)	31.72V	31.98V	32.25V	32.60V

QUALIFICATIONS AND CERTIFICATES

CE-Compliant, IEC 61215 (Ed.2), IEC 61730 (Ed.1) application class A TÜV Safety Class II

4 TIER WARANTY INCLUDES

- ✔ 10 Years Manufacturing Warranty
- ✔ 12 Years Warranty, 90% Power Output
- ✔ 25 Years Warranty, 80% Power Output