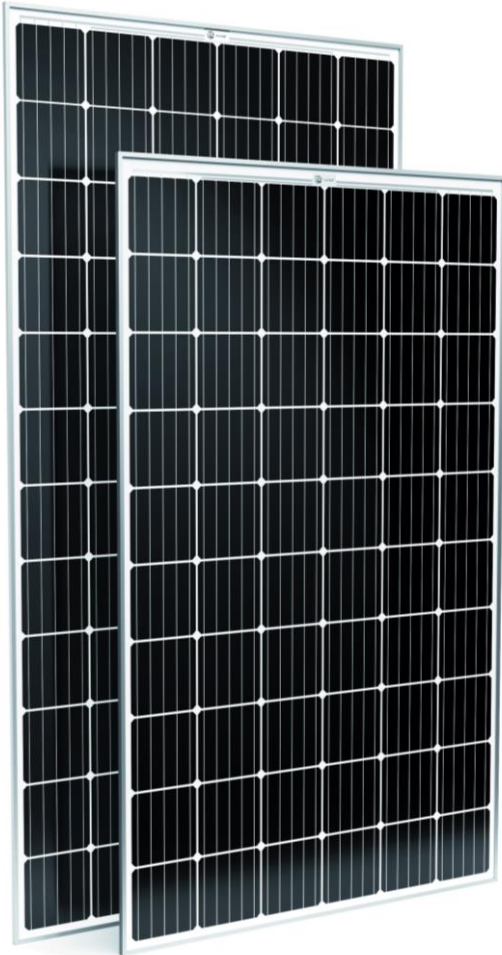


SOLARPOWER-ON-PERC™ Series



SOLARPOWER-ON-PERC™ Series – XUNZEL

XUNZEL High-efficiency photovoltaic solar panels PERC

Product Overview

- High-efficiency PERC solar cells.
- Ready to connect and use. Safe and easy wiring.
- Pre-assembled solar cables with connectors included.
- Expandable. Connect strings of panels in parallel, for high power systems.
- High quality, high reliability and excellent performance.
- Corrosion-resistant junction box to protect electrical connections.
- Hardened protective glass protects the cells, which are also embedded in transparent EVA (Ethylene-Vinyl-Acetate)
- Flash and Electroluminescence testing.
- Positive power tolerance.

**100%
TESTED**

All our products are manufactured with the highest quality and 100% tested before delivery units



5 Busbar Solar Cells
Sleek design



PERC Technology
Highest efficiency (21.6%)



PID Free
Avoids PID



Excellent Low-Light Performance
Designed to work at peak performance in any radiation condition



Severe Weather Resistant
Specially Designed to withstand the most extreme weather conditions

Models

- **SOLARPOWER-ON-300-PERC**
- **SOLARPOWER-ON-380-PERC**



XUNZEL™ reserves the right to make changes and improvements without prior notice

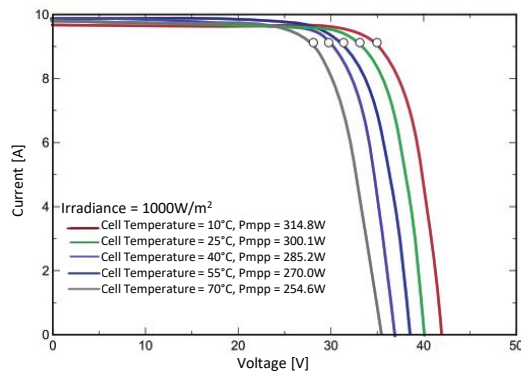
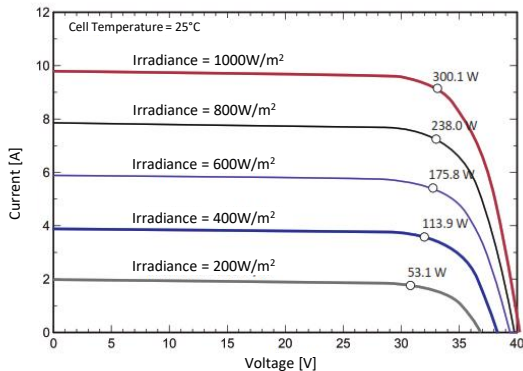
Industry Leading Technology for Off-Grid, Off-Shore and Backup Power Applications



SOLARPOWER-ON-PERC™ Series

Technical Specifications

Model	SOLARPOWER-ON™ 300-PERC	SOLARPOWER-ON™ 380-PERC
Electrical parameters - specifications in Standard Test Conditions (STC): 1000W/m ² solar irradiance, AM 1.5, 25°C cell temperature		
Maximum Power P _{MPP}	300W	380W
Open Circuit Voltage V _{OC}	40.08V	48.95V
Maximum Power Point Voltage V _{MPP}	33.12V	40.25V
Short-Circuit Current I _{SC}	9.65A	10.00A
Maximum Power Point Current I _{MPP}	9.06A	9.45A
Power Tolerance	0 ~ + 3%	
Normal Operating Cell Temperature NOCT	45°C ± 2°C	
Temperature Coefficient of Power	-0.40%/°C	-0.44%/°C
Temperature Coefficient of V _{OC}	-0.30%/°C	-0.39%/°C
Temperature Coefficient of I _{SC}	0.06%/°C	0.033%/°C
Maximum System Voltage SCII [V _{DC}]	1000V _{DC}	
Maximum reverse current	15A	20A
Operating Temperature Range	-40°C ~ +85°C	
Cells	60 x Monocrystalline PERC of very high efficiency	72 x Monocrystalline PERC of very high efficiency
Dimensions	1640 x 992 x 35mm	1956 x 992 x 35mm
Weight	18kg	21kg
Pre-assembled Solar Cables	1x 4mm ² / 90cm (x2)	
Connectors (included)	Universal	
Frame	Anodised aluminium	
Front Glass	3.2mm low iron tempered glass	
Junction Box	IP67	
Certificates	IEC61215 / IEC61730	



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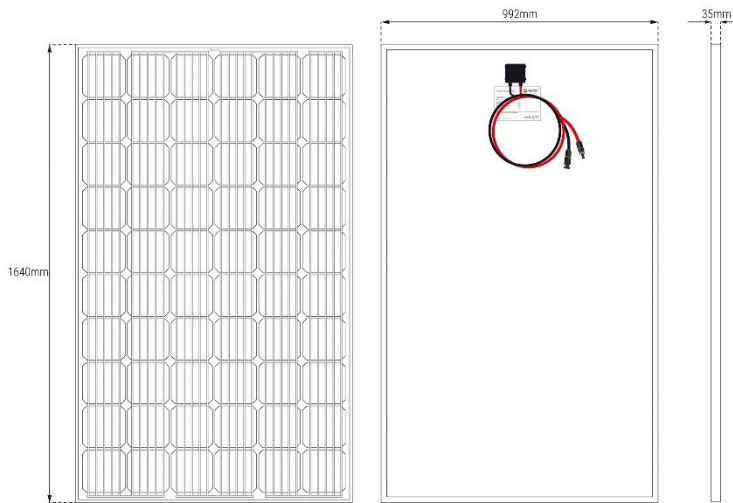
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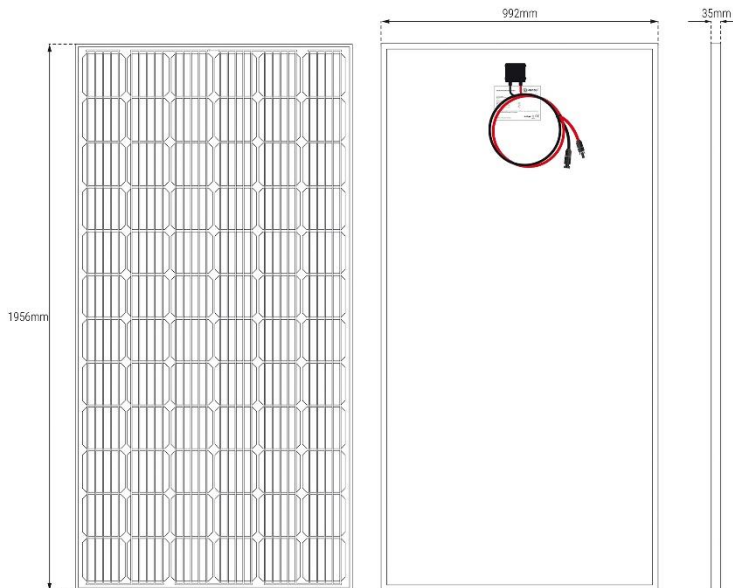
SOLARPOWER-ON-PERC™ Series

Drawings

SOLARPOWER-ON-300-PERC



SOLARPOWER-ON-380-PERC



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