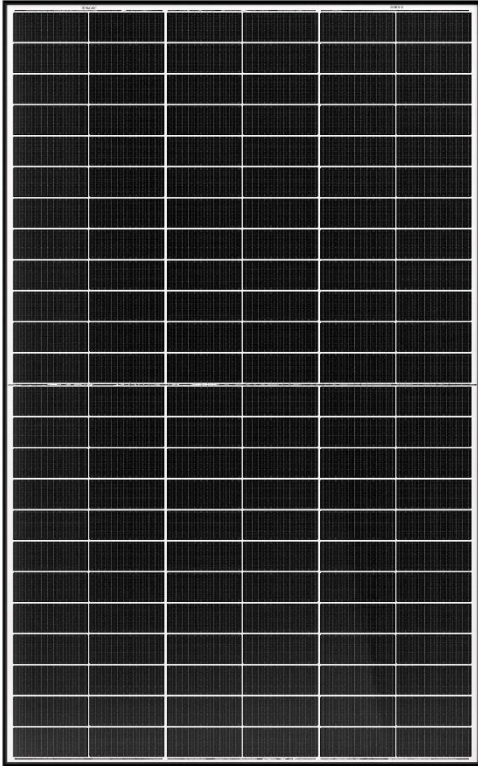


SOLARPOWER-ON-PERC™ 425W (N30)



SOLARPOWER-ON-425W-PERC (N30)
Black frame | Reduced dimensions

SOLARPOWER-ON-PERC™ Series



More Energy

Very high efficiency photovoltaic solar panel



Compact dimensions

Smaller size



Extremely weather-resistant

Able to withstand heavy snow, wind and hail

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. PID resistance.
- Excellent wind and snow load resistance
- 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 (0~+3%)



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



Multi Busbar Solar Cells

Sleek design



PERC Technology

Highest efficiency (23.6%)



PID Free

Avoids PID



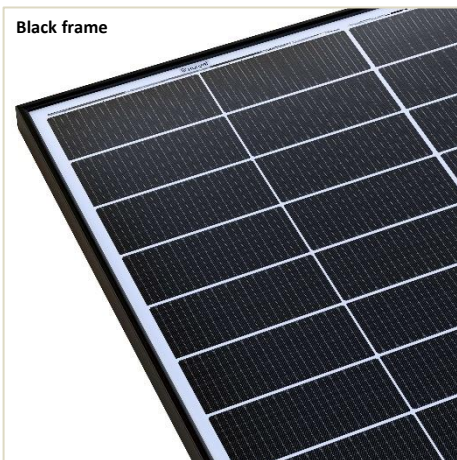
Excellent Low-Light Performance

Designed to work at peak performance in any radiation condition



Severe Weather Resistant

Specially Designed to withstand the most extreme weather conditions



Black frame

Highest efficiency solar cells

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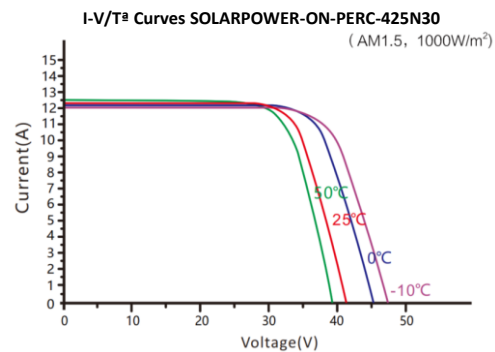
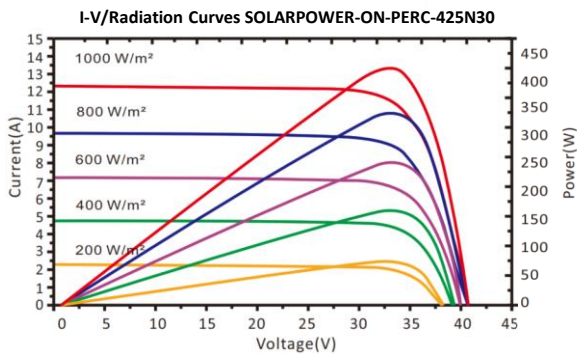
Industry Leading Technology for Off-Grid, Off-Shore and Backup Power Applications



SOLARPOWER-ON-PERC™ 425W (N30)

Technical Specifications

Model	SOLARPOWER-ON-PERC™ 425 (N30)
Part Number Code	SOLZTK425N30
Maximum Power P_{MPP}	425W
Open Circuit Voltage V_{OC}	42.20V
Maximum Power Point Voltage V_{MPP}	35.26V
Short-Circuit Current I_{SC}	12.53A
Maximum Power Point Current I_{MPP}	12.05A
Power Tolerance	0 ~ + 3%
Normal Module Operating Temperature	44°C ± 2°C
Temperature Coefficient of Power	-0.34%/°C
Temperature Coefficient of V_{OC}	-0.25%/°C
Temperature Coefficient of I_{SC}	+0.04%/°C
Maximum System Voltage SCII [V_{DC}]	1500V _{DC}
Maximum reverse current series fuse rating	20A 20A
Operating Temperature Range	-40°C ~ +85°C
Cells Monocrystalline PERC of very high efficiency	120x
Dimensions	1754 x 1096 x 30mm
Weight	22.0kg
Pre-assembled Solar Cables	1x 4mm ² (12AWG) Positive and Negative / 1200mm
Connectors (included)	Universal Type 4
Frame	Black - Anodised Aluminium Alloy
Front Glass	3.2mm High Transmission, Low Iron, Tempered ARC Solar Glass
Junction Box	IP68 3 Schottky bypass diodes
Wind and snow load resistance	2400 Pa 5400 Pa
Standards	Electrical parameters - specifications in Standard Test Conditions (STC): 1000W/m ² solar irradiance, AM 1.5, 25°C cell temperature. Manufactured according to IEC61215 / IEC61730



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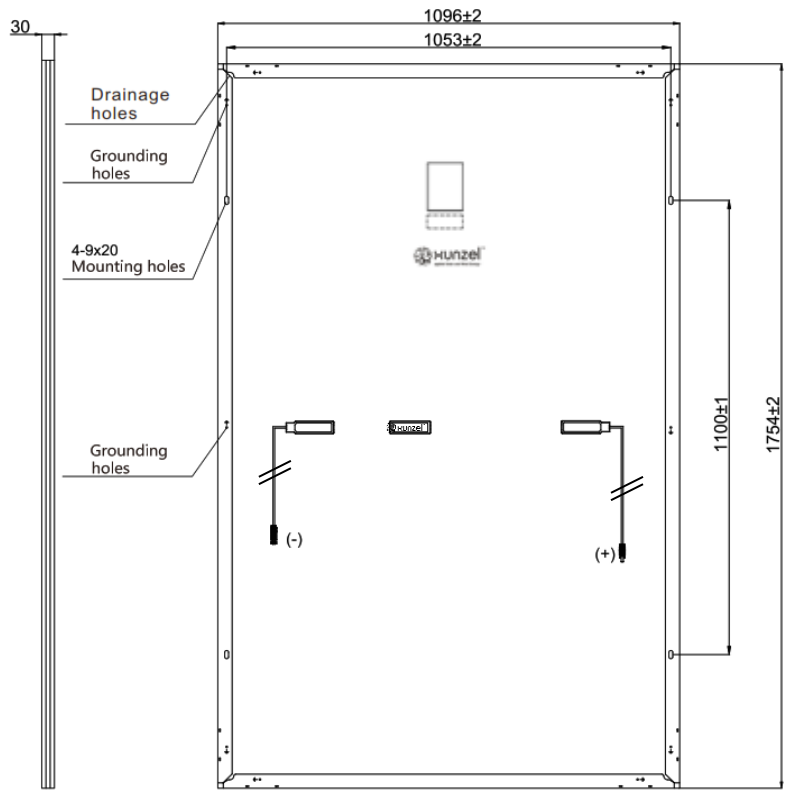
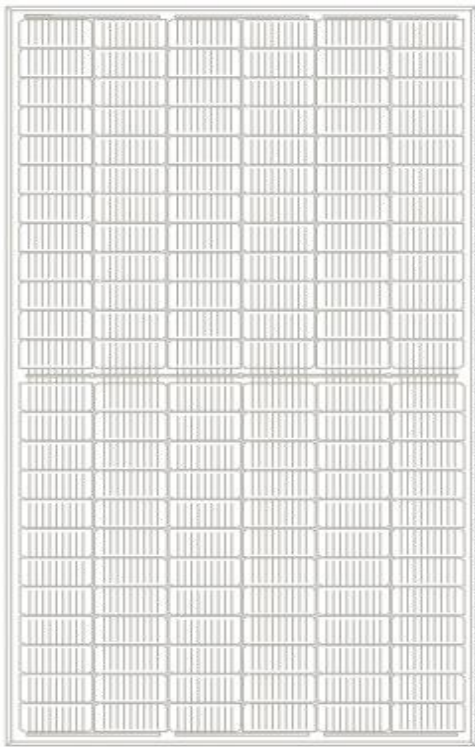
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SOLARPOWER-ON-PERC™ 425W (N30)

Drawings

SOLARPOWER-ON-PERC-425 (N30)



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