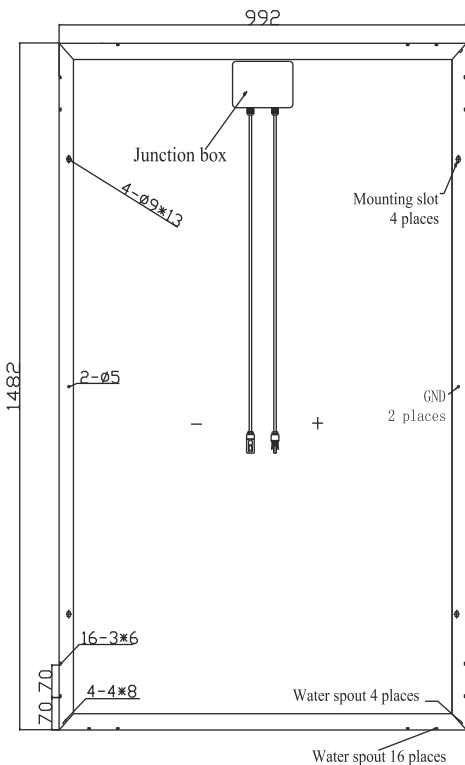
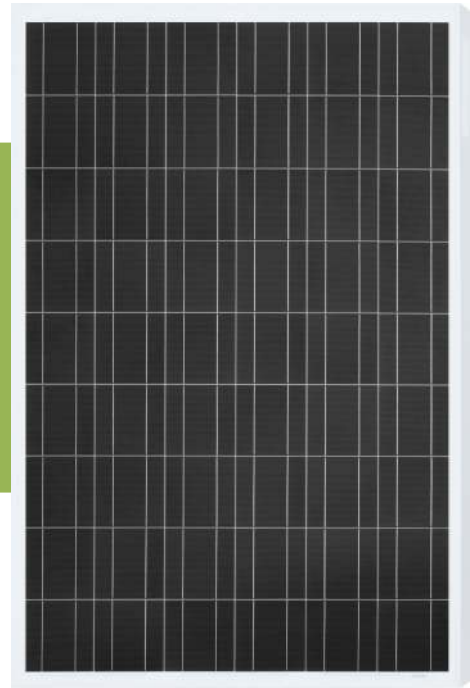


225 W Maximum Power

High Efficiency Poly-crystalline
Solar Module



BENEFITS

- High and stable conversion efficiency based on over 8 years professional experience.
- High reliability with guaranteed 0 - +3% output power tolerance.
- Proven materials, tempered front glass, and a sturdy anodized aluminum frame allow modules to operate reliably in multiple mountly configuration.
- Combination of high efficiency and attractive appearance.

QUALITY AND SAFETY

- 25-year output power warranty.
- ISO9001:2008 (Quality Management System) certified factory.
- IEC61215, Safety tested IEC61730,CE.
- Product Quality Warranty & Product Liability Insurance guarantee end users' benefit.

TEMPERATURE COEFFICIENTS

Temperature coefficients		at 1000 W/m ² , 25 °C, air mass: 1.5
Voltage coefficient (V_{oc})	β	- 0.35 %/K
Current coefficient (I_{sc})	α	+ 0.055 %/K
Power coefficient (P_{mpp})	γ	- 0.45 %/K
Minimum power tolerance		0 - + 3 %

NOCT: Nominal Operating cell Temperature:-40°C to +85°C



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MECHANICAL DATA

Solar Cell	54 Poly-crystalline 156×156mm
Front Glass	3.2mm tempered
Junction Box	IP65 rated
Output Cables	1000mm length able/compliable with MC4 connectors
Frame	Anodized aluminium
Weight	17kg
Dimension	1482×992×45mm

WARRANTY AND CERTIFICATIONS

Warranty	10 years workmanship, 12 years 90%, 25 years 80% power warranty
Certifications	IEC61215, Safety tested IEC61730, CE

ELECTRICAL DATA

Module Type	SL200-18P225	SL200-18P220	SL200-18P215	SL200-18P210	SL200-18P205
Nominal peak power (P_{max})	225W	220W	215W	210W	205W
Nominal voltage (V_{mpp})	27.6V	27.4V	27.2V	27.0V	26.8V
Nominal current (I_{mpp})	8.15A	8.03A	7.90A	7.78A	7.65A
Open circuit voltage (V_{oc})	34.0V	33.8V	33.8V	33.6V	33.4V
Short circuit current (I_{sc})	8.84A	8.71A	8.57A	8.44A	8.39A
Module efficiency	15.3%	15.0%	14.4%	14.1%	13.9%
Operating Temperature	-40~+85°C	-40~+85°C	-40~+85°C	-40~+85°C	-40~+85°C
Maximum System Voltage	1000V DC	1000V DC	1000V DC	1000V DC	1000V DC

STC: Irradiation: 1000 W/m², module temperature: 25 °C, air mass: 1.5 (EN 60904-3)

Maximum power (P_{max})	162W	159W	172W	168W	148W
Nominal voltage (V_{mpp})	26.4V	26.3V	27.1V	26.9V	25.7V
Nominal current (I_{mpp})	6.13A	6.04A	6.32A	6.23A	5.76A
Open circuit voltage (V_{oc})	31.4V	31.2V	33.6V	33.4V	30.8V
Short circuit current (I_{sc})	6.58A	6.49A	6.86A	6.76A	6.25A

NOCT: Irradiation: 800 W/m², module temperature: 45 °C, air mass: 1.5

Performance under weak light conditions (200 W/m²) EN60904-1, 95.3 % or higher of the STC efficiency (1000 W/m²) is achieved

PACKING CONFIGURATION

	20'GP	40'GP
Container	20'GP	40'GP
Pieces Per Pallet	22	22
Pallets Per Container	14	30
Pieces Per Container	308	660

EXAMPLES OF APPLICATION

- Grid-connected systems, for E.G.
 - Residential solar power systems.
 - Public and industrial solar power systems.
- Solar power stations.

CAUTION: Read Safety And Installation.Instructions Before Using The Product.

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Specifications included in this datasheet are subject to change without notice.

♻️ Printed on recycled paper.

Current-Voltage & Power-Voltage Curve (SL200-18P205)

