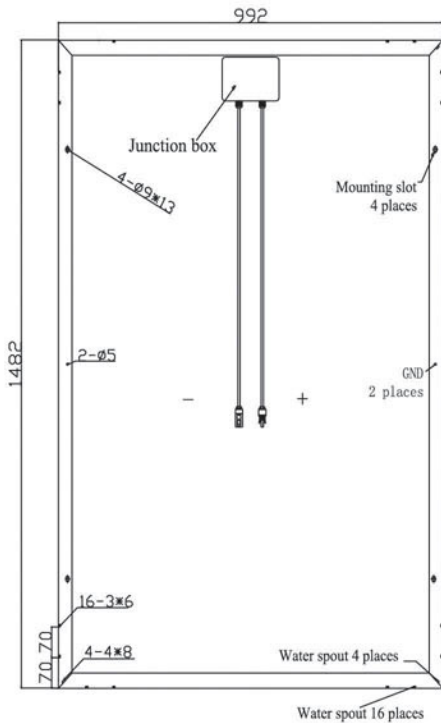
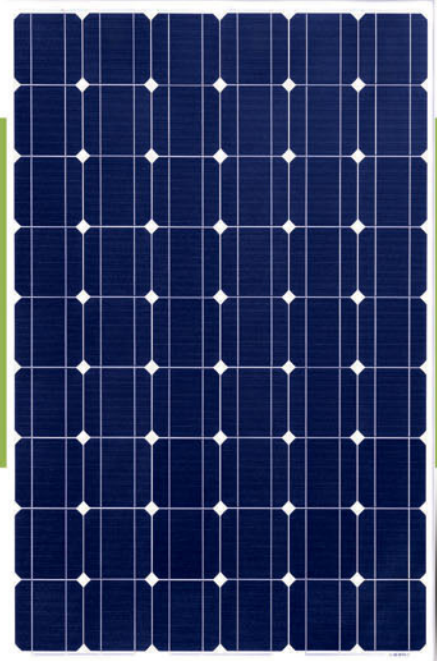


230 W Maximum Power

High Efficiency Mono-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.

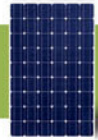
TEMPERATURE COEFFICIENTS

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 %



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230 W Maximum Power



TECHNICAL DATA

Solar Cell	54 Mono-crystalline 156×156mm
Front Glass	3.2mm tempered
Junction Box	IP65 rated
Output Cables	1000mm length able/compliable with MC IV 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	SL200-18M230	SL200-18M225	SL200-18M220	SL200-18M215	SL200-18M210
Nominal peak power (P_{max})	230W	225W	220W	215W	210W
Nominal voltage (V_{mpp})	27.6V	27.6V	27.4V	27.2V	27.0V
Nominal current (I_{mpp})	8.33A	8.15A	8.03A	7.90A	7.78A
Open circuit voltage (V_{oc})	34.2V	34.0V	33.8V	33.8V	33.6V
Short circuit current (I_{sc})	9.04A	8.84A	8.71A	8.57A	8.44A
Module efficiency	15.6%	15.3%	15.0%	14.6%	14.3%
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})	166W	162W	159W	155W	151W
Nominal voltage (V_{mpp})	26.4V	26.4V	26.3V	26.1V	25.9V
Nominal current (I_{mpp})	6.27A	6.13A	6.04A	5.94A	5.85A
Open circuit voltage (V_{oc})	31.6V	31.4V	31.2V	31.2V	31.0V
Short circuit current (I_{sc})	6.73A	6.58A	6.49A	6.38A	6.29A

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

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 (SL200-18M220)

