

Standard Module



GSM6 Series 6" Cell Module (220, 225, 230, 235, 240 Wp)

Features

- 60 presorted high efficient multi-crystalline silicon solar cells
- Long term stability by quality control and exact tuning of components
- Strict power measurement that minimize the power tolerance to +/-3%
- Modules are manufactured in ISO 9001 and 14001 certificated facilities guarantee prime quality as well as environment-friendly products

IEC certificate

The test sequences of the IEC 61215 and IEC 61730 confirm that Gloria Solar modules are capable of withstand the artificial loads of the materials as well as safety qualification. It provides reliable performance and safety for entire range of Gloria Solar modules

Dimensions

Length * Width (mm)	1652*992
Thickness (mm)	50
Weight (kg)	22

GSM6 Series 6" Cell Modules

Electrical characteristics under standard test condition (STC) ¹						
		220D-E1	225D-E1	230D-E1	235D-E1	240D-E1
Typical power (Pmax) ²	W	220	225	230	235	240
Voltage at typical power (Vmp)	V	28.0	28.5	29.0	29.4	29.9
Current at typical power (Imp)	A	7.86	7.90	7.93	7.98	8.02
Open circuit voltage (Voc)	V	36.3	36.5	36.6	36.7	36.8
Short circuit current (Isc)	A	7.89	7.99	8.04	8.08	8.12
Module Efficiency	%	13.4	13.7	14.0	14.3	14.6

1. STC : AM1.5G, 1000W /m², cell temperature of 25 °C .

2. Power tolerance at maximum power under STC condition = ±3%

Temperature coefficient		
Temperature coefficient current	α Ts(Isc)	+4.40mA/K
Temperature coefficient voltage	β Tc(Voc)	-129mV/K
Peak power temperature coefficient	γ Tc(Pmax)	-0.46%/K

System Integration

** Maximum system voltage= 1000 V

** Fuse rating : 15 A

