



Specifications		MONO	MONO	MONO	MONO	MONO	POLY	POLY	POLY	POLY	POLY	POLY	POLY	POLY		
		QG05-5M	QG10-5M	QG15-5M	QG20-5M	QG25-5M	QG30-6P	QG35-6P	QG40-6P	QG45-6P	QG50-6P	QG55-6P	QG60-6P	QG65-6P	QG70-6P	
Electrical Characteristics	Open - Circuit voltage (Voc)	21.6V	21.6V	21.6V	21.6V	21.6V	21.6V	22.1V	21.8V	22.0V	21.8V	22.2V	21.6V	21.8V	22.0V	
	Optimum Operating Voltage (Vmp)	17.4V	17.4V	17.3V	17.6V	17.3V	17.2V	18.3V	17.4V	17.6V	17.4V	17.5V	17.4V	17.6V	17.9V	
	Short - Circuit Current (Isc)	0.32A	0.65A	0.98A	1.26A	1.58A	1.94A	2.02V	2.58A	2.79A	3.13A	3.34A	3.90A	4.11A	4.23A	
	Optimum Operating Current (Imp)	0.29A	0.58A	0.87A	1.14A	1.45A	1.74A	1.91V	2.30A	2.58A	2.93A	3.14A	3.45A	3.69A	3.91A	
	Maximum Power at STC (Pmax)	5 Wp	10 Wp	15 Wp	20 Wp	25 Wp	30 Wp	35 Wp	40 Wp	45 Wp	50 Wp	55 Wp	60 Wp	65 Wp	70 Wp	
	Operating Temperature	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C
	Maximum System Voltage	715 V DC	715 V DC	715 V DC	715 V DC	715 V DC	715 V DC	715 V DC	715 V DC	715 V DC	715 V DC	715 V DC	715 V DC	715 V DC	715 V DC	715 V DC
	Maximum Series Fuse Rating	5 A	5 A	5 A	5 A	5 A	5 A	5 A	10 A	10 A	10 A	10 A	15 A	15 A	15 A	
	Power Tolerance	±5 %	±5 %	±5 %	±5 %	±5 %	±5 %	±5 %	±5 %	±5 %	±5 %	±5 %	±5 %	±5 %	±5 %	±5 %
Mechanical Characteristics	Solar Cell	<i>Mono-crystalline</i>	<i>Mono-crystalline</i>	<i>Mono-crystalline</i>	<i>Mono-crystalline</i>	<i>Mono-crystalline</i>	<i>Poly-crystalline</i>	<i>Mono-crystalline</i>	<i>Poly-crystalline</i>	<i>Poly-crystalline</i>	<i>Poly-crystalline</i>	<i>Poly-crystalline</i>	<i>Poly-crystalline</i>	<i>Poly-crystalline</i>	<i>Poly-crystalline</i>	
	No. of Cells	36 (4×9)	36 (4×9)	36 (2X18)	36 (2×18)	36 (4×9)	36 (4×9)	36 (4×9)	36 (4×9)	36 (4×9)	36 (4×9)	36 (4×9)	36 (4×9)	36 (4×9)	36 (4×9)	
	Dimensions (mm)	216x306x18	358x306x18	545x306x18	656x306x18	450x545x18	426x665x18	426x665x18	537x665x30	537x665x30	631x665x30	631x665x30	771x665x30	771x665x30	778x669x30	
	Weight (kg)	0.8	1.5	2.3	2.5	3.0	3.2	3.2	4.5	4.5	6.4	6.4	6.8	6.8	7.2	
	Junction Box	IP65 rated	IP65 rated	IP65 rated	IP65 rated	IP65 rated	IP65 rated	IP65 rated	IP65 rated	IP65 rated	IP65 rated	IP65 rated	IP65 rated	IP65 rated	IP65 rated	
	Output Cables	(Optional cable available)	(Optional cable available)	(Optional cable available)	(Optional cable available)	(Optional cable available)	(Optional cable available)	(Optional cable available)	(Optional cable available)	(Optional cable available)	(Optional cable available)	(Optional cable available)	(Optional cable available)	Lengths: 750mm(-) and 750mm(+) Connection: MC Plug Type IV	Lengths: 750mm(-) and 750mm(+) Connection: MC Plug Type IV	Lengths: 750mm(-) and 750mm(+) Connection: MC Plug Type IV
Temperature Characteristics	Nominal Operating Cell Temperature (NOCT)	45±2°C	45±2°C	45±2°C	45±2°C	45±2°C	45±2°C	45±2°C	45±2°C	45±2°C	45±2°C	45±2°C	45±2°C	45±2°C	45±2°C	
	Temperature Coefficient of Pmax	-0.48 %/°C	-0.48 %/°C	-0.48 %/°C	-0.48 %/°C	-0.48 %/°C	-0.47 %/°C	-0.47 %/°C	-0.48 %/°C	-0.48 %/°C	-0.47 %/°C	-0.47 %/°C	-0.47 %/°C	-0.47 %/°C	-0.47 %/°C	
	Temperature Coefficient of Voc	-0.34 %/°C	-0.34 %/°C	-0.34 %/°C	-0.34 %/°C	-0.34 %/°C	-0.34 %/°C	-0.34 %/°C	-0.34 %/°C	-0.34 %/°C	-0.34 %/°C	-0.34 %/°C	-0.34 %/°C	-0.34 %/°C	-0.34 %/°C	
	Temperature Coefficient of Isc	0.037 %/°C	0.037 %/°C	0.037 %/°C	0.037 %/°C	0.037 %/°C	0.045 %/°C	0.045 %/°C	0.037 %/°C	0.037 %/°C	0.045 %/°C	0.045 %/°C	0.045 %/°C	0.045 %/°C	0.045 %/°C	