

&cell_format>Schott Poly 6" Series – The Top Performers

Maximum energy

The new Schott Poly 210/217/220/225/230 series is manufactured from 6" cells, which generate significantly more power due to the greater cell surface. The special Schott Solar cell technology, using multicrystalline wafers, ensures optimum output and efficiency. The innovative isotexturing of the cells allows the module's performance to be increased further; additionally it provides a homogeneous appearance of the dark-blue cells. These modules have been awarded top ratings in a number of independent studies and surveys.

Narrow output tolerance

The particularly close selection of module performance allows serial connection with small connection losses without complex sorting.

Simple installation and greatest stability

The anodized aluminum frame and the preinstalled cable with Tyco-Connectors ensure quick and easy installation. The framed Schott modules are designed for loads of up to 5400 N/m².

System voltage up to 1000 V

The Safety Class II module is configured for system voltage of up to 1000 V. It is suitable for grid-connected systems.








Schott Poly 210/217/220/225/230 convinces with particularly high nominal power; due to the 6 inch cells, the module surface is utilised optimally.



The close selection of module performance makes the Schott Poly 210/217/220/225/230 ideal for individual installations as well as for large-scale installations.

SOLAR MODULES Framed Modules

Art. No.	0101117	0101113	0101154	0101114	0101155
					
Model	Schott Poly 210	Schott Poly 217	Schott Poly 220	Schott Poly 225	Schott Poly 230
Nominal power	210 W ±4 %	217 W ±4 %	220 W ±4 %	225 W ±4 %	230 W ±4 %
Max. system voltage	1000 V DC	1000 V DC	1000 V DC	1000 V DC	1000 V DC
Operating voltage	29.3 V ±10 %	29.6 V ±10 %	29.7 V ±10 %	29.8 V ±10 %	30.0 V ±10 %
Operating current	7.16 A ±10 %	7.33 A ±10 %	7.41 A ±10 %	7.55 A ±10 %	7.66 A ±10 %
Open circuit voltage	36.1 V ±10 %	36.4 V ±10 %	36.5 V ±10 %	36.7 V ±10 %	36.9 V ±10 %
Short circuit current	7.95 A ±10 %	8.10 A ±10 %	8.15 A ±10 %	8.24 A ±10 %	8.33 A ±10 %
Temp. coefficient power	-0.47 %/°C	-0.47 %/°C	-0.47 %/°C	-0.47 %/°C	-0.47 %/°C
Temp. coefficient voltage	-0.38 %/°C	-0.38 %/°C	-0.38 %/°C	-0.38 %/°C	-0.38 %/°C
Temp. coefficient current	0.10 %/°C	0.10 %/°C	0.10 %/°C	0.10 %/°C	0.10 %/°C
Operating module temperature	-40 to +85 °C	-40 to +85 °C	-40 to +85 °C	-40 to +85 °C	-40 to +85 °C
Cells per module	60 pc.	60 pc.	60 pc.	60 pc.	60 pc.
Cell type	MAIN solar cell, multi-crystalline, isotextured	MAIN solar cell, multi-crystalline, isotextured	MAIN solar cell, multi-crystalline, isotextured	MAIN solar cell, multi-crystalline, isotextured	MAIN solar cell, multi-crystalline, isotextured
Cell dimensions (L / W)	156 mm / 156 mm	156 mm / 156 mm	156 mm / 156 mm	156 mm / 156 mm	156 mm / 156 mm
Connection	Tyco-Connectors, cable 1.1 m each (+ / -)	Tyco-Connectors, cable 1.1 m each (+ / -)	Tyco-Connectors, cable 1.1 m each (+ / -)	Tyco-Connectors, cable 1.1 m each (+ / -)	Tyco-Connectors, cable 1.1 m each (+ / -)
Mounting frame	Anodized aluminium	Anodized aluminium	Anodized aluminium	Anodized aluminium	Anodized aluminium
Dimensions (L / W / H)	1685 mm ±3 mm / 993 mm ±3 mm / 50 mm ±1 mm	1685 mm ±3 mm / 993 mm ±3 mm / 50 mm ±1 mm	1685 mm ±3 mm / 993 mm ±3 mm / 50 mm ±1 mm	1685 mm ±3 mm / 993 mm ±3 mm / 50 mm ±1 mm	1685 mm ±3 mm / 993 mm ±3 mm / 50 mm ±1 mm
Weight	23 kg (approx.)	23 kg (approx.)	23 kg (approx.)	23 kg (approx.)	23 kg (approx.)
Max. load	5400 N/m ²	5400 N/m ²	5400 N/m ²	5400 N/m ²	5400 N/m ²
Performance warranty *	10 / 25 years	10 / 25 years	10 / 25 years	10 / 25 years	10 / 25 years
Product warranty	5 years	5 years	5 years	5 years	5 years
Norms	IEC 61730, IEC 61215 ed. 2, protection class II, EWG guideline 89/392 (CE)	IEC 61730, IEC 61215 ed. 2, protection class II, EWG guideline 89/392 (CE)	IEC 61730, IEC 61215 ed. 2, protection class II, EWG guideline 89/392 (CE)	IEC 61730, IEC 61215 ed. 2, protection class II, EWG guideline 89/392 (CE)	IEC 61730, IEC 61215 ed. 2, protection class II, EWG guideline 89/392 (CE)

* - Manufacturer's performance warranty: 10 years on 90 % / 25 years on 80 % of the minimal nominal power under standard testing conditions (STC)
The electrical specifications are under standard test conditions (STC) of irradiance of 1000 W/m², spectrum of 1.5 air mass and cell temperature of 25°C.

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