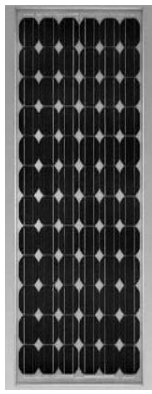




Shell Photovoltaic Solar Modules

Mono-Crystalline	Multi-Crystalline	Thin Film (CIS)	
<p>The Shell PowerMax® mono-crystalline solar cells deliver maximum power output even under reduced light conditions providing more power where space is a limitation.</p> <p>A pyramidal textured surface enables maximum light absorption to deliver exceptional efficiency.</p> <p>Highly transparent tempered glass delivers more power and ensures high impact resistance against hail.</p>	<p>The multi-crystalline cells have highly transparent tempered glass ensuring high impact resistance and protection against hail.</p> <p>A specially designed anodized aluminium frame with mounting slots and a close-to-square cross section enables secure rear or front clamp mounting options.</p>	<p>Exceptional performance under low light conditions, shade and high temperature tolerance that offers reliable power in adverse or changeable conditions.</p> <p>Modules of class leading efficiency and stable output power delivering reliable high performance for many years.</p> <p>Highly transparent tempered glass ensures high impact resistance and protection against hail.</p>	

Pr=Rated Power, **Pmpp**=Peak Power, **Vmpp**=Peak Power Voltage, **VOC**=Open Circuit Voltage, **ISC**=Short Circuit Voltage

Type	Mono-Crystalline Silicon Photovoltaic Solar Modules					
Model	P_r	P_{mp}	V_{mp}	V_{oc}	I_{sc}	Download PDF File
SM 50-H	50 Watt	50 Watt	15.9 Volt	19.8 Volt	3.40 A	SM 50-H (336kB / 2 x A4 Pages)
SM 55	55 Watt	55 Watt	17.4 Volt	21.7 Volt	3.40 A	SM 55 (340kB / 2 x A4 Pages)
SP 70	70 Watt	70 Watt	16.5 Volt	21.4 Volt	4.70 A	SP 70 (367kB / 2 x A4 Pages)
SP 75	75 Watt	75 Watt	17.0 Volt	21.7 Volt	4.80 A	SP 75 (367kB / 2 x A4 Pages)
SM 110-12	110 Watt	110 Watt	17.5 Volt	21.7 Volt	6.90 A	SM 110-12 (372kB / 2 x A4 Pages)
SP 140	140 Watt	140 Watt	33.0 Volt	42.8 Volt	4.70 A	SP 140 (382kB / 2 x A4 Pages)
SP 150	150 Watt	150 Watt	34.0 Volt	43.4 Volt	4.80 A	SP 150 (382kB / 2 x A4 Pages)

Type	Multi-Crystalline Silicone Photovoltaic Solar Modules					
Model	P_r	P_{mp}	V_{mp}	V_{oc}	I_{sc}	Download PDF File
S 10	9 Watt	9 Watt	16.5 Volt	21.4 Volt	0.57 A	S 10 (423kB / 2 x A4 Pages)
S 25	24 Watt	24 Watt	16.5 Volt	21.4 Volt	1.50 A	S 25 (408kB / 2 x A4 Pages)
S 36	36 Watt	36 Watt	16.5 Volt	21.4 Volt	2.30 A	S 36 (414kB / 2 x A4 Pages)
S 65	65 Watt	65 Watt	16.5 Volt	20.9 Volt	4.30 A	S 65 (391kB / 2 x A4 Pages)

Type	Thin-Film CIS (Copper Indium Diselenide) Photovoltaic Solar Modules					
Model	P_r	P_{mp}	V_{mp}	V_{oc}	I_{sc}	Download PDF File
ST 5	5 Watt	5 Watt	15.6 Volt	22.9 Volt	0.39 A	ST 5 (372kB / 2 x A4 Pages)
ST 10	10 Watt	10 Watt	15.6 Volt	22.9 Volt	0.77 A	ST 10 (345kB / 2 x A4 Pages)
ST 20	20 Watt	20 Watt	15.6 Volt	22.9 Volt	1.54 A	ST 20 (341kB / 2 x A4 Pages)

Modules with other power ratings and voltages available on request