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Shell Solar product range

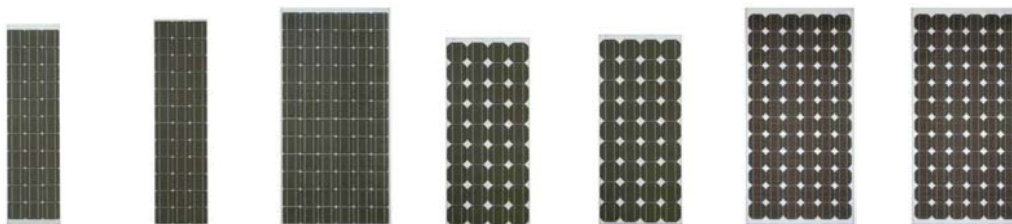
Shell Solar has a wide range of photovoltaic modules that can be used across a variety of applications grid-connected, industrial and rural. Shell Solar specifies high quality standards for all manufacturing stages to produce photovoltaic modules with reliable performance over a long lifetime. All our modules are subject to the latest independent certification tests to ensure compliance with international standards.

Shell Solar offers three different module ranges that allow customers to optimise the performance of their photovoltaic installation whether the critical application criteria is power, size, strength, low light performance or aesthetics:

Mono-crystalline

Exceptional efficiency with proven reliability.

The mono-crystalline range of photovoltaic modules offers exceptional efficiency and proven reliability backed by a 25 year warranty. Our mono-crystalline products offer maximum power when space is a limitation in grid-connected and specialised industrial applications. The mono-crystalline range also offers the largest modules available, providing an effective solution for installations covering large areas. Shell Solar has 30 years experience in mono-crystalline technology backed by our **patented PowerMax@** efficiency-enhancing technology and a cumulative installed volume of nearly 300MW worldwide.



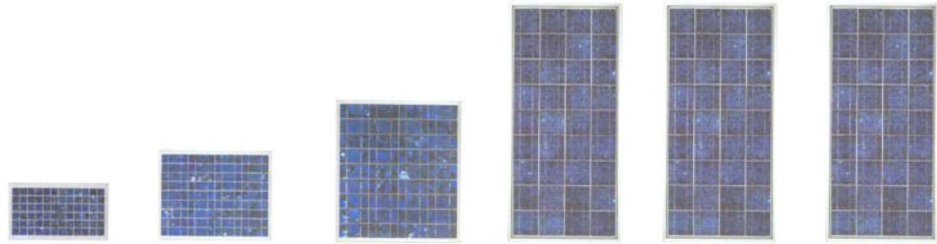
	SM-50	SM-55	SM-110	SP-70	SP-75	SP-140	SP-150
NOMINAL VOLTAGE	12	12	24	12	12	24	24
PEAK POWER (watt)	50	55	110	70	75	140	150
DIMENSIONS (mm)	1293*329	1293*329	1321*660	1200*527	1200*527	1619*814	1619*814
Isc (Amperes)	3,35	3,45	3,45	4,7	4,8	4,7	4,8
Ipeak (Amperes)	3,14	3,16	3,14	4,24	4,41	4,24	4,41
V oc (Volt)	19,8	21,7	35,0	24,4	21,7	42,8	43,4
Weight (Kgr)	5,2	5,5	11,5	7,6	7,6	14,8	14,8
Cell type	Mono-crystalline	Mono-crystalline	Mono-crystalline	Mono-crystalline	Mono-crystalline	Mono-crystalline	Mono-crystalline
Limited peak power warranty (years)	25	25	25	25	25	25	25

Multi-crystalline

Excellent efficiency and reliability.

The multi-crystalline range of photovoltaic modules offers cost-effective power and reliability backed by a 20 year warranty. Our multi-crystalline products offer cost-effective power in grid-connected, industrial and rural applications. The range offers a high-strength frame that is particularly suitable for applications which expect heavy snow or high wind loads. Shell Solar has 20 years experience in multi-crystalline technology with a

cumulative installed volume of nearly 50MW worldwide.

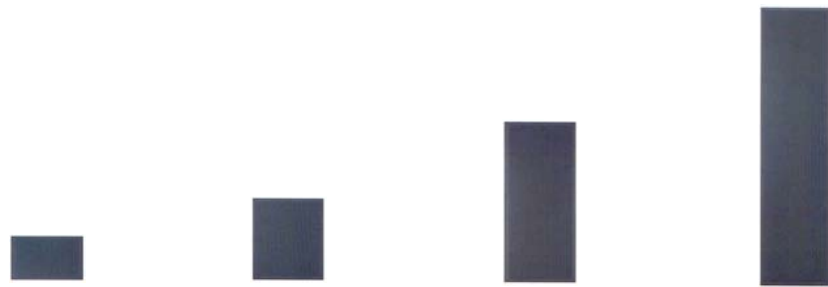


	S 10	S 25	S 36	S 65	S 70	S 75
NOMINAL VOLTAGE	12	12	12	12	12	12
PEAK POWER (watt)	9	24	36	65	70	75
DIMENSIONS (mm)	430*255	550*449	635*550	1220*580	1220*580	1220*580
Isc (Amperes)	0,57	1,50	2,30	4,30	4,50	4,70
Ipeak (Amperes)	0,54	1,45	2,18	3,93	4,11	4,26
V oc (Volt)	21,4	21,4	21,4	20,9	21,2	21,6
Weight (Kgr)	1,5	3,4	4,4	10	10	10
Cell type	Multi-crystalline	Multi-crystalline	Multi-crystalline	Multi-crystalline	Multi-crystalline	Multi-crystalline
Limited peak power warranty (years)	10	10	10	20	20	20

CIS thin-film

Highest power output in a thin-film.

The CIS range of award-winning photovoltaic modules delivers highest power and reliable performance in all operational conditions backed by a 10 year warranty. Our CIS thin-film products offer high power in industrial and rural applications where space is not a limitation. The range is particularly suitable for low light level environments and where uniform appearance and aesthetics is important. Shell Solar has over three years commercial manufacturing experience in CIS thin-film technology backed up by 10 years R&D experience.



	ST 5	ST 10	ST 20	ST 40
NOMINAL VOLTAGE	12	12	12	12
PEAK POWER (watt)	5	10	20	40
DIMENSIONS (mm)	328*206	387*328	747*328	1264*329
Isc (Amperes)	0,39	0,77	1,54	2,68
Ipeak (Amperes)	0,32	0,64	1,28	2,40
V oc (Volt)	22,9	22,9	22,9	23,3
Weight (Kgr)	1,4	2,4	4,1	7
Cell type	CIS Thin film	CIS Thin film	CIS Thin film	CIS Thin film
Limited peak power warranty (years)	10	10	10	10

Power specifications are at standard test conditions (STC): irradiance level 1000w/m2, spectrum AM 1.5 and cell temperature 25oC