

### CERTIFICATION:

• ISO 9001



### DIRECT REPLACEMENT – SHELL (SIEMENS) SM55

The XC55s is XC3's high efficiency module. Thanks to its optimum size it is easy to handle and specifically dedicated to large scale off grid applications.

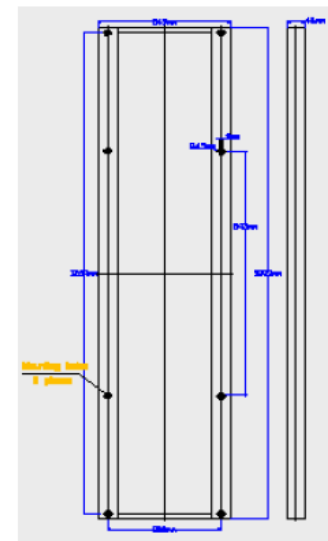
The XC55s module uses multicrystalline technology. Encapsulation beneath high transmission tempered glass is accomplished using an advanced, UV resistant thermal setting plastic. The encapsulant, ethylene vinyl acetate, cushions the solar cells within the laminate and protect the cells from etching. The rear surface of the module is completely sealed from moisture and mechanical damage by a continuous high strength polymer sheet.

The XC55s is using a reinforced anodised aluminum frame, designed to meet XC3's High Quality Standards for corrosion resistance. With a tolerance of +/- 10%, the XC55s module ensures more power in multi module installations.

XC55s 55W	POWER SPECIFICATIONS
Maximum Power Voltage (Vpm)	17.40V
Maximum Power Current (Ipm)	3.16A
Open Circuit Voltage (Voc)	21.70V
Short Circuit Current (Isc)	3.40A
Cell Type	Poly
Nominal Voltage	12Vdc
Maximum System Voltage	DC 600V
Series Fuse Rating	10A
Performance Tolerance	+/- 10%

Dimension		
Length	[mm]	1293
Width	[mm]	349
Depth without box	[mm]	46
Weight	[kg]	7

Cells	
Number per module	36
Cell Technology	Polycrystalline
Cell Shape	Rectangular
Temperature Coefficient Power Pmax/°C	-0.44%



- Limited warranty : 25 years