



APPLICATIONS:

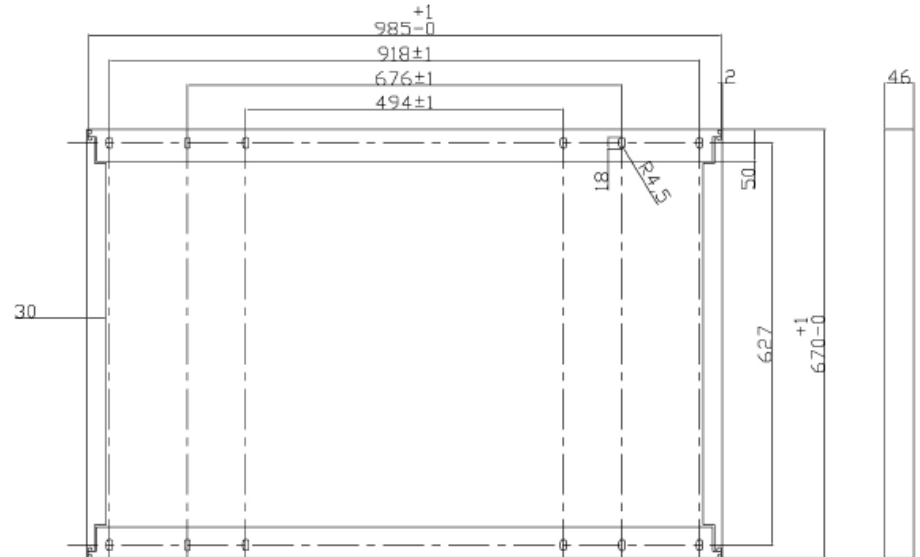
- Telecommunications
- Cathodic protection
- Water pumping
- Signaling
- Rural electrification
- Private residences
- Commercial buildings
- Grid connected

The XC85s is XC3i's high efficiency module. Thanks to its optimum size it is easy to handle and specifically dedicated to large scale off grid applications.

The XC85 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 XC85 is using a reinforced transparent anodised aluminium frame, designed to meet XC3i's High Quality Standards for corrosion resistance. With a tolerance of +/- 5%, the XC85 module ensures more power in muti module installations.

XC85 85W	POWER SPECIFICATIONS
Maximum Power Voltage (Vpm)	17.60V
Maximum Power Current (Ipm)	4.80A
Open Circuit Voltage (Voc)	21.60V
Short Circuit Current (Isc)	5.20A
Cell Type	Poly
Nominal Voltage	12Vdc
Maximum System Voltage	DC 1000V
Series Fuse Rating	10A
Performance Tolerance	+/- 5%



- Product warranty : 5 years
- Efficiency warranty : 20 years