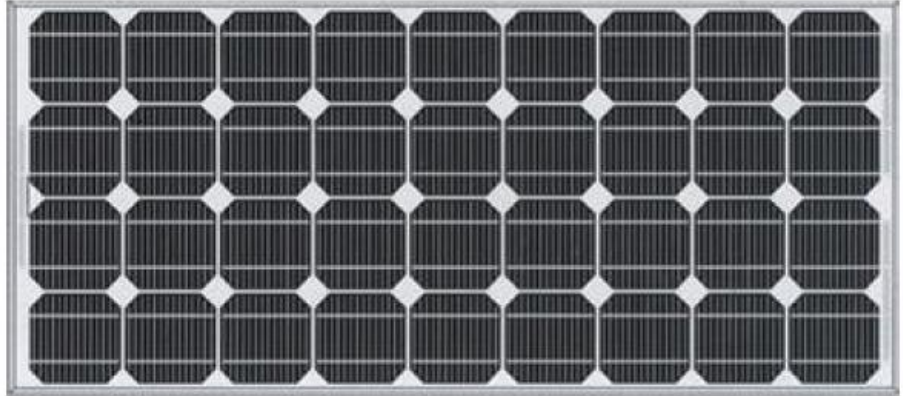




Standard
Module

BIPV

Solar
Car Sunroof



Standard Module

GSS5 Series 5" Cell Module (80, 85 Wp)

Features

- 5" mono-crystalline silicon cells
- 36 pieces high efficiency cell constructions
- Lightweight anodized aluminum frame with a variety of easy mounting systems
- High transparent tempered glass with enhanced stiffness and impact resistance
- Advanced EVA encapsulation system with multilayer backsheets

Applications

- on/off grid power stations
- telecommunication
- remote power requirements home systems (remote rural area)
- stand alone or grid connected applications

REACH certificate

REACH Regulation (EC) No 1907/2006:

Article 7 - Registration and notification of substances in articles

Article 33 - Duty to communicate information on substances in articles

Dimensions

Length * Width 1192mm*531mm

Thickness 35mm

Weight 7.7kg



Standard Module

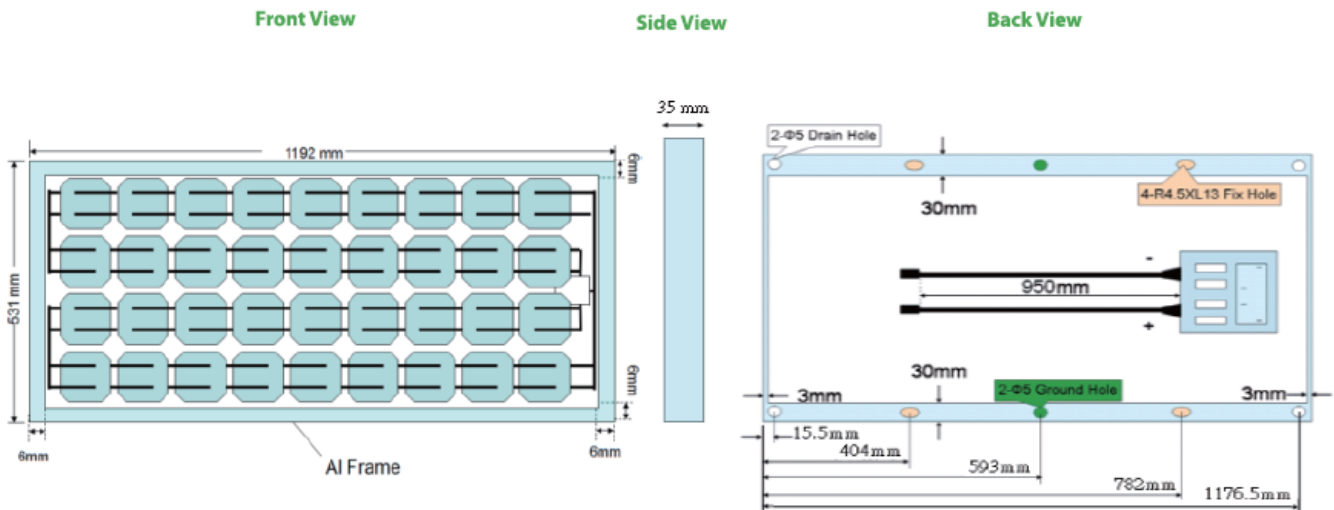
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GSS5 Series 5" Cell Modules

Electrical characteristics under standard test condition (STC) ¹			GSS5-80F-E1	GSS5-85F-E1
Typical power (P _{max}) ²	W		80	85
Voltage at typical power (V _{mp})	V		17.75	18
Current at typical power (I _{mp})	A		4.55	4.9
Open circuit voltage (V _{oc})	V		21.7	22.1
Short circuit current (I _{sc})	A		4.9	5.4
Max. system voltage	VDC		600 VDC / 1000 VDC (option)	
Fuse rating	A		10A	

STC is defined as: irradiance of 1000W/m², spectrum AM 1.5 and cell temperature of 25°C



Limited warranty for 90% performance assurance on 10 years, 80% performance assurance on 25 years

Module tolerance: +/-5W