



Features :

- Unique frame design with high mechanical strength
- Excellent Performance under Light Conditions
- Advanced Module processing Technology
- High Conversion efficiency & Higher Output
- Easy Installation & Breakage rate

Electrical Parameters

Model	FRS 100W
Maximum Power (P _{mx.}) Wp	100
Maximum Power (V _{mp.})	18.00
Maximum Voltage (I _{mp})	5.60
Open Circuit Voltage (V _{oc})	22.00
Short Circuit Current (I _{sc})	6.10
Junction Box	IP 65 rated Water Proof Nylon 6
Cable	On Request
Front Glass	Low Iron Content, Toughened & Tempered High Transmittance with 4mm Thickness
Solar Cells	36 Cells
Cell Encapsulation	EVA (Ethylene Vinyl Acetate)
Back Side	TPT(Isovolta) / Protect-PET_EVA(Madico), White Color
Frame	Anodized Aluminum Frame

Operating Conditions

Temperature Coefficients			Operating Conditions	
Coefficient of Current α	0.05%/°C	Temperature Range	(-40°C to + 85°C)	
Coefficient of Voltage β	0.34%/°C	Maximum System Voltage	1000V	
Coefficient of Power γ	0.45%/°C	Maximum Surface Load Capacity	Tested up to 2400Pa according to IEC 61215	
		Warranty	10 Years Product Workmanship, 25 Years Linear Power Warranty	

All Electrical Parameter Specified at STC :25°C, Cell Temperature : 1000W/m, Irradiance : AM 1.5

