



Temperature Coefficients

Nominal Operating Cell Temperature	NOCT	°C	45+/-2
Voltage Temperature Coefficient(Voc)	α	%°C	-0.32
Current Temperature Coefficient (Isc)	β	%°C	0.055
Power Temperature Coefficient (Pmpp)	γ	%°C	-0.39

Mechanical Data

Solar Cell	Monocrystalline,182*56mm
Arrangement	36Cells (3*12)
Front Glass	3.2mm Tempered
Frame	Anodized Aluminium
Max.Static Snow Load, Front	5400Pa
Max.Static Wind Load, Back	2400Pa
Junction Box	IP65
Cables & Connectors	As Per Requirement

Electrical Data

STC: Irradiance 1000 w/m²(module temperature 25°C AM1.5)

Module Type			GSPV-M10/36H-80W
Nominal Peak Power	Pmax	Wp	80
Minimum Power Tolerance	Δ Pmax	%	-/+3
Max. Power Voltage	Vmp	V	20.2
Max.Power Current	Imp	A	3.96
Open-circuit Voltage	Voc	V	24.0
Short-circuit Current	Isc	A	4.30
Module Efficiency	η m	%	18.6
Operating Temperature		°C	-40 to +85
Max Series Fuse Rating		A	5
Max.System voltage	DC	V	1,000
Weight		KGS	4.5
Dimension		MM	740*580*30



Materials & Workmanship Warranty



80% Power Output Warranty



90% Power Output Warranty



100% inspection before delivery



ISO9001
ISO14001
ISO45001



IEC 61215
IEC 61730
Periodical Inspection

