Griffin Module
Polycrystalline Silicon PV Module

Typical Electrical Characteristics

P_m	V_{oc}	I_{sc}	V_m	I_m	Rs	Rsh	FF
254.712	37.896	8.966	30.600	8.324	0.5067	616.108	0.7497

MECHANICAL CHARACTERISTICS

Dimension (L×W×H)	1640 mm×992 mm×40 mm
Installation Hole Dimension	860 mm×942 mm
Weight	19.5 kg
Loading Capacity	644 pcs / 40 ft or 276 pcs / 20 ft
Quantity/Pallet	1 carton/pallet
Packing Configuration	23 pcs / carton

CONSTRUCTION MATERIALS

Front cover (material/type/thickness)	Low iron tempered glass 3.2 mm
Cell (quantity/material/type/dimensions)	60 (6×10) / Multicrystalline / 156 mm×156 mm
Encapsulant (material)	EVA
Frame (material/color/anodization color)	Anodized aluminum alloy / sliver / clear
Junction box (protection degree)	Ip65 & IP67
Cable (length/cross-section area)	1100 mm / 4 mm^2

THERMAL CHARACTERISTICS

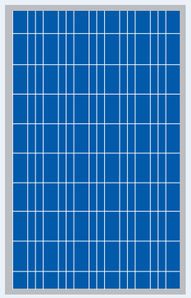
Nominal operating temperature	47±2 ℃
Temperature coefficient of Pmax	-0.44% / ℃
Temperature coefficient of Voc	-0.34% / ℃
Temperature coefficient of Isc	0.06% / ℃

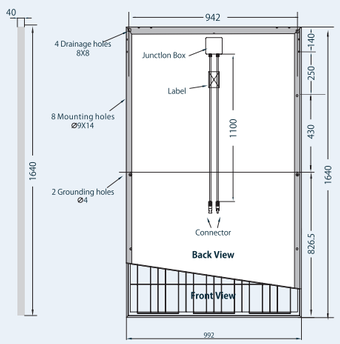
OPERATING CONDITIONS

Limiting reverse current	Do not apply external voltages large than Voc of the module
Operating temperature range	-40 ℃~+85 ℃
Max. static load, front (snow & wind)	5400 Pa
Max. static load, back (wind)	2400 Pa
Max. hailstone impact (diameter/velocity)	25 mm / 23 m / s

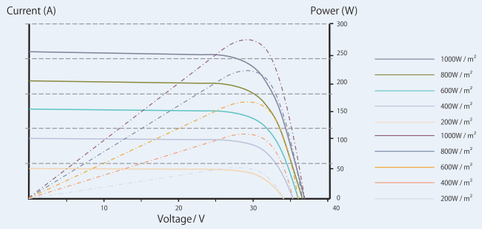
Griffin Module







Griffin Module IV Curves





50+25
History + Quality assurance