



F i r s t I n Q u a l i t y

Model name	PV-MF100EC4
Cell type	Polycrystalline silicon 150mm square
No. of cells	36 in series
Maximum power rating [Pmax]	100W
Open circuit voltage [Voc]	21.2V
Short circuit current [Isc]	7.16A
Maximum power voltage [Vmp]	17V
Maximum power current [Imp]	5.88A
Maximum system voltage	DC 780V
Fuse rating	15A
Output terminal	Terminal block
Dimensions	1425 x 646 x 56mm
Weight	11.5 kg

High Efficiency

- Solder-Free Cells
- Fine Grid Electrodes
- BSF (Back Surface Field) Structure
- Anti-Reflective Coating
- Back Film Reflected Light
- Cerium-Free/High-Transmittance Glass
- High Power Output in Actual Use

High Reliability

- Original Derating Design Concept
- Straight Tabs
- Double-Sided Independent Tabs
- Reliable Bus Bar
- Corrosion-Resistant Frame
- High Tensile Strength Structure
- Solid Frame Structure
- Tempered Glass
- Triple-Layer Structure Back Film

High Safety

- Triple-Layer Structure Junction Box
- Ultra Reliable Bypass Diode
- Locking Electrical Connectors
- Conforms to IEC 61215 and TUV Safety Class II Standards

Eco-Friendly

- Lead-Free Solder PV Modules
- Manufactured in an ISO 14001 Certified Plant
- Recyclable Steel Pallets

