

SZ-50-34MFLE

Warranty

- 5 years Manufacturer Warranty
- Warranty on Electrical Performance :
5 years 80% of power output

Manufacturing

- Original cell sorting system ensures the best electric cell match
- EL-Testing before packing
- Comprehensive module power testing, 100% positive output tolerance guaranteed

Performance

- High module conversion efficiency
- High-quality cells and partial-cell design lower series resistance and reduce power degradation
- Optimized performance under low light conditions. The integrated bypass-diodes allow the panel to work when partially shaded
- Internal aluminum sheet improves the durability by decreasing the risk of micro-cracks on cells
- IP67 rated junction box, reliable cables and standard MC4 connectors improve the stability



Mechanical Data

Standard Test Conditions AM=1.5, E=1000W/m², TC=25°C

| | |
|------------------------------|--|
| Nominal Power | 50W |
| Cell Type/Efficiency | Monocrystalline / 18.70% |
| Cell Arrangement | 34 (2*17) |
| Maximum Power Current (Impp) | 2.91A |
| Maximum Power Voltage (Vmpp) | 17.20V |
| Open-circuit Voltage (Voc) | 20.30V |
| Short-circuit Current (Isc) | 3.43A |
| Maximum System Voltage | 100V |
| Output Tolerance | +3% |
| Cable | 650mm / 2.5mm ² |
| Connector Type | MC4 / MC4 Compatible |
| Module Structure | ETFE / Aluminum Sheet/ EVA / Backsheet (White) |
| Junction box rating | ≥ IP67 |
| Number of Diodes | One |
| Working Temperature | -40°C~+80°C |

Packaging

| | |
|-------------------------|-----------------|
| Module Dimensions | 980*350*3mm |
| Module Weight | 2.67kg |
| Package | Single Package |
| Pieces per Pallet | 21 |
| Gross Weight per Pallet | 75kg |
| Pallet Dimensions | 1270*1100*500mm |

SOLMAX NEW ENERGY B.V.
 Address: Zonnebaan 23, 3542 EB Utrecht, the Netherlands.
 Tel:+31-307 855 708
 E-mail: info@solarfam.nl

