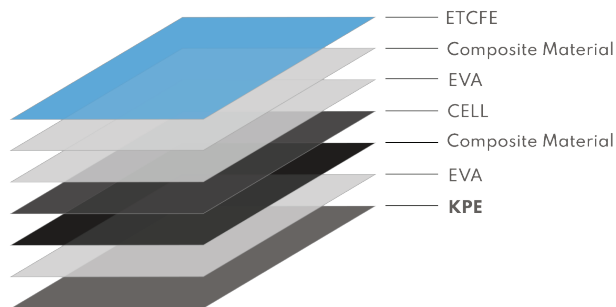


# SEMI FLEXIBLE SOLAR PANELS SPECIFICATIONS

## SPECIFICATIONS

- Flexible: up to 30 degree,
- Back Sheet: KPE,
- Junction Box: IP67 rated,
- Thickness of ETFE: 0.025mm,
- Thickness of solar panel: 2mm,
- Cable/Connectors: 1.5m, 2× 2.5mm<sup>2</sup> cable with MC4 connectors,
- Type of Solar Cells: 156 Monocrystalline silicon cells,
- Eyelets: Without eyelets,
- Block/Bypass diode: 1pcs (10A for each).



Model No	OS110-18MFX	OS140-18MFX	OS165-18MFX	OS250-18MFX
Maximum Power(Pmax)	110W	140W	165W	250W
Open-Circuit Voltage(Voc)	21.24V	21.24V	21.24V	21.24V
Short-Circuit Current(Isc)	6.72A	8.56A	10.09A	15.28A
Voltage at Pmax(Vmp)	18V	18V	18V	18V
Current at Pmax(Imp)	6.11A	7.78A	9.17A	13.89A
Power Tolerance	±3%	±3%	±3%	±3%
Maximum System Voltage	500V	500V	500V	500V
Dimensions (mm)	1370 x 520 x 2.5	1770 x 520 x 2.5	1500 x 660 x 2.5	1530 x 990 x 2.5