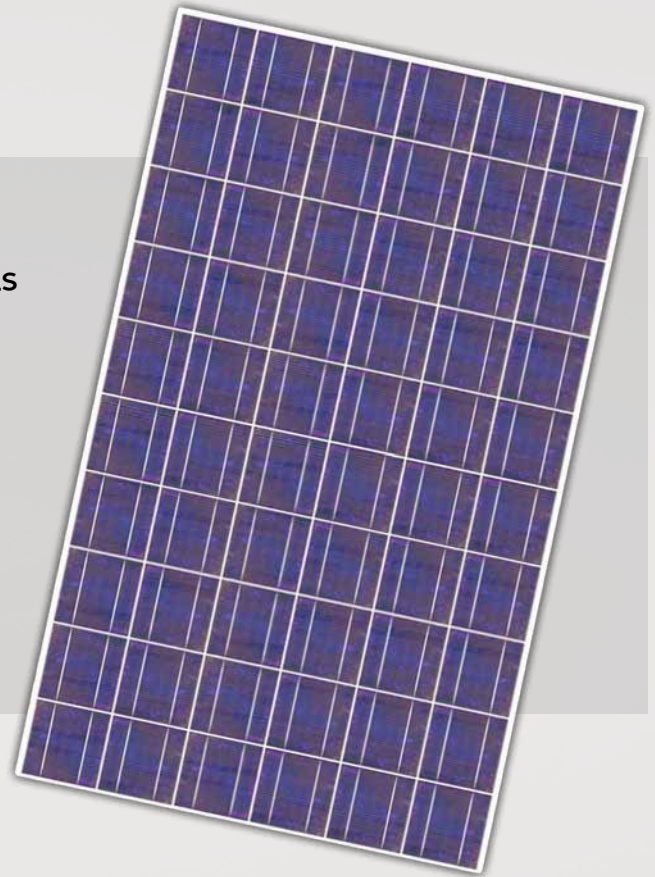
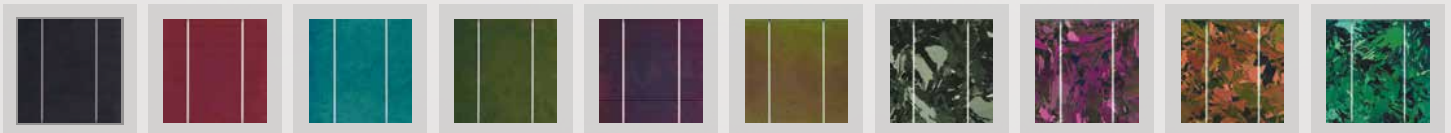


FEATURES

- High Quality Polycrystalline Silicon Solar Cells
- Positive Power Tolerance
- 5 (12, 25) Years Guarantee (90-80%)
- Highest Quality Standards
- Module Efficiency up to 18%
- Reliable and Robust Design
- High Quality Materials



COLORS



ELECTRICAL DATA

| Model | FSDS6280 | FSDS6290 | FSDS6300 |
|----------------------------|-------------|-------------|-------------|
| Maximum power (Pmax) | 280 Wp | 290 Wp | 300 Wp |
| MPP Voltage (V) | 36,94 | 37,26 | 37,68 |
| MPP Current (A) | 7,76 | 7,98 | 8,24 |
| Open-circuit voltage (V) | 45,00 | 45,61 | 46,21 |
| Short-circuit current (A) | 8,39 | 8,65 | 8,88 |
| Maximum system voltage (V) | 1000 | 1000 | 1000 |
| Module power tolerance (%) | +2 % / -0 % | +2 % / -0 % | +2 % / -0 % |

OTHER PARAMETERTURES

- | | |
|---------------------|---|
| • Cells | 72 pieces polycrystalline silicon solar cells |
| • Cell dimension | 6" – 156 mm x 156 mm (Square) |
| • Front | 4 mm thick tempered solar glass, highly transparent |
| • Encapsulation | EVA – cell – EVA |
| • Back | Multilayered backsheet Tedlar or tempered solar glass |
| • Frame | Anodised aluminium or none |
| • Connection | TYCO ELECTRONICS IP65 with built-in bypass diode |
| • Weight | 27 kg |
| • Temperature Range | -40 °C to +90 °C |
| • Max Load | 5400 Pa |
| • Impact Resistance | Steel ball – 1040 g dropped from 1m high |

