

■ FDS-200M-24

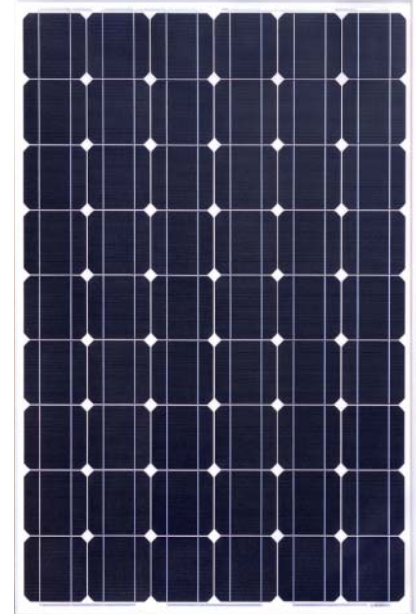
Temperature Coefficients

| | |
|--------------------------------------|------------|
| NOCT | 45 +/-2°C |
| Voltage temperature coefficient(Voc) | -0.36%/°C |
| Current temperature coefficient(Isc) | +0.033%/°C |
| Power temperature coefficient(Pmpp) | -0.44%/°C |
| Minimum power tolerance | +/- 3% |

NOCT:Nominal Operating cell Temperature

Mechanical Data

| | |
|---------------|---|
| Solar Cell | 72(6×12) Mono -crystalline 125×125mm |
| Front Glass | 3.2mm tempered |
| Junction Box | IP 65 rated |
| Output Cables | 900mm length cable/compliable with MC IV connectors |
| Frame | Anodized aluminium |



Electrical Data

| Module type | FDS-180-24 | FDS-190-24 | FDS-200-24 |
|----------------------------|----------------|------------|------------|
| Nominal peak power(Wp) | 180W | 190W | 200W |
| Nominal voltage(Vmp) | 34.5V | 35.0V | 35.5V |
| Nominal current(Imp) | 5.22A | 5.43A | 5.64A |
| Open-circuit voltage(Voc) | 43.5V | 44.0V | 45.0V |
| Short-circuit current(Isc) | 5.79A | 6.03A | 6.25A |
| Module efficiency | 14.1% | 14.9% | 15.7% |
| Operating temperature | -40°C to +85°C | | |
| Maximum system voltage | 1000V DC | | |
| Weight | 15.5kg | | |
| Dimension | 1580×808×35 mm | | |

STC:1000W/m² 25°C

