

## ■ FDS-120M-12

### 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	36(4×9) Mono-crystalline 156×125mm
Front Glass	3.2mm tempered
Frame	Anodized aluminium



### Electrical Data

Module type	FDS-120-12
Nominal peak power(Wp)	120W
Nominal voltage(Vmp)	17.5V
Nominal current(Imp)	6.86A
Open-circuit voltage(Voc)	22.0V
Short-circuit current(Isc)	7.62A
Module efficiency	15.3%
Operating temperature	-40°C to +85°C
Maximum system voltage	1000V DC
Weight	9.5kg
Dimension	1190×660×35 mm

STC:1000W/m² 25°C

