

■ FDS-100P-12

Temperature Coefficients

NOCT	45 \pm 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	\pm 3%

NOCT:Nominal Operating cell Temperature

Mechanical Data

Solar Cell	36(4×9) Poly-crystalline 156×107mm
Front Glass	3.2mm tempered
Frame	Anodized aluminium



Electrical Data

Module type	FDS-100-12
Nominal peak power(Wp)	100W
Nominal voltage(Vmp)	17.5V
Nominal current(Imp)	5.72A
Open-circuit voltage(Voc)	22.0V
Short-circuit current(Isc)	6.35A
Module efficiency	14.8%
Operating temperature	-40°C to +85°C
Maximum system voltage	1000V DC
Weight	8.2kg
Dimension	1030×660×35 mm

STC:1000W/m² 25°C

