

■ FDS-005M-12

Periodic Inspection
Power Controlled



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	+/-10%

NOCT:Nominal Operating cell Temperature



Mechanical Data

Solar Cell	36(4×9) Mono-crystalline 52×19.5mm
Front Glass	3.2mm tempered
Frame	Anodized aluminium

Electrical Data

Module type	FDS-005-12
Nominal peak power(Wp)	5W
Nominal voltage(Vmp)	17.0V
Nominal current(Imp)	0.30A
Open-circuit voltage(Voc)	21.4V
Short-circuit current(Isc)	0.33A
Module efficiency	10.0%
Operating temperature	-40°C to +85°C
Maximum system voltage	1000V DC
Weight	0.7kg
Dimension	240×240×17mm

STC:1000W/m² 25°C

