

■ FDS-010M-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 52×31.2mm
Front Glass	3.2mm tempered
Frame	Anodized aluminium



Electrical Data

Module type	FDS-010-12
Nominal peak power(Wp)	10W
Nominal voltage(Vmp)	17.5V
Nominal current(Imp)	0.58A
Open-circuit voltage(Voc)	22.0V
Short-circuit current(Isc)	0.64A
Module efficiency	12.5%
Operating temperature	-40°C to +85°C
Maximum system voltage	1000V DC
Weight	0.9kg
Dimension	335×240×17 mm

STC:1000W/m² 25°C

