

■ FDS-010P-12

Periodic Inspection
Power Controlled



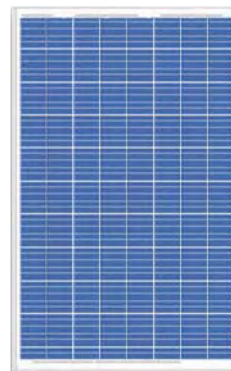
Temperature Coefficients

NOCT	45 +/-2℃
Voltage temperature coefficient(Voc)	-0.36%/℃
Current temperature coefficient(Isc)	+0.033%/℃
Power temperature coefficient(Pmpp)	-0.44%/℃
Minimum power tolerance	+/-10%

NOCT:Nominal Operating cell Temperature

Mechanical Data

Solar Cell	36(4×9) Poly-crystalline 76.5×24mm
Front Glass	3.2mm tempered
Frame	Anodized aluminium



Electrical Data

Module type	FDS-010-12
Nominal peak power(Wp)	10W
Nominal voltage(Vmp)	17.3V
Nominal current(Imp)	0.59A
Open-circuit voltage(Voc)	21.6V
Short-circuit current(Isc)	0.65A
Module efficiency	10.5%
Operating temperature	-40℃ to +85℃
Maximum system voltage	1000V DC
Weight	1.1kg
Dimension	340×280×17 mm

STC:1000W/m² 25℃

