

■ FDS-040M-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	+/- 5%

NOCT:Nominal Operating cell Temperature

Mechanical Data

Solar Cell	36(4×9) Mono -crystalline 125×50mm
Front Glass	3.2mm tempered
Frame	Anodized aluminium



Electrical Data

Module type	FDS-040-12
Nominal peak power(Wp)	40W
Nominal voltage(Vmp)	17.5V
Nominal current(Imp)	2.29A
Open-circuit voltage(Voc)	22.0V
Short-circuit current(Isc)	2.54A
Module efficiency	14.7%
Operating temperature	-40℃ to +85℃
Maximum system voltage	1000V DC
Weight	3.2kg
Dimension	535×510×25 mm

STC:1000W/m² 25℃

