

## ■ FDS-150P-12

### 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	+/- 3%

NOCT:Nominal Operating cell Temperature

### Mechanical Data

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



### Electrical Data

Module type	FDS-140-12	FDS-150-12
Nominal peak power(Wp)	140W	150W
Nominal voltage(Vmp)	17.5V	17.8V
Nominal current(Imp)	8.00A	8.43A
Open-circuit voltage(Voc)	22.0V	22.5V
Short-circuit current(Isc)	8.90A	9.36A
Module efficiency	14.4%	15.4%
Operating temperature	-40°C to +85°C	
Maximum system voltage	1000V DC	
Weight	11.8kg	
Dimension	1480×660×35 mm	

STC:1000W/m<sup>2</sup>,25°C

