

## ■ FDS-160P-24

### 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	72(6×12) Poly-crystalline 156×87mm
Front Glass	3.2mm tempered
Frame	Anodized aluminium



### Electrical Data

Module type	FDS-160-24
Nominal peak power(Wp)	160W
Nominal voltage(Vmp)	35.0V
Nominal current(Imp)	4.58A
Open-circuit voltage(Voc)	44.0V
Short-circuit current(Isc)	5.08A
Module efficiency	14.5%
Operating temperature	-40°C to +85°C
Maximum system voltage	1000V DC
Weight	13.4kg
Dimension	1120×990×35 mm

STC:1000W/m<sup>2</sup>,25°C

