

Enfinity-230P6 module type

Electrical characteristics

Max-power	Pm(W)	230
Power tolerance	(%)	± 3
Max-power Voltage	Vm(V)	30.20
Max-power current Im	Im(A)	7.62
Open-circuit voltage	Voc(V)	37.28
Short-circuit current	Isc(A)	8.42
Max-system voltage	(VDC)	1000
Cell efficiency	η_c (%)	16.50
Module efficiency	η_m (%)	14.60
No., type & arrangement of cells		60 pcs poly-crystalline silicon (6x10)
Cell size	(mm)	156x156
No. of bypass diodes	(pcs.)	3
Pm temperature coefficient	(%/°C)	-0.47
Isc temperature coefficient	(%/°C)	0.036
Voc temperature coefficient	(%/°C)	-0.33
NOCT - Nominal Operating Cell Temperature	(°C)	47±2

Mechanical characteristics

Cable type, diameter and length	4 mm ² , TÜV certified, 900 mm
Type of connector	MC4
Dimension L x W x H (mm)	1650 x 991 x 46
Weight	19 kg
No. of draining holes in frame	4
Glass, type and thickness	High transmission, low iron, tempered glass 0.12"(3.2mm)

Absolute ratings

Dielectric Insulation Voltage	(VDC)	3000 max.
Operating Temperature	(°C)	-40 - +85
Storage Temperature	(°C)	-40 - +85

Strengths

- Tolerance ± 3%
- Plug & Play Connectors
- High transmission, low iron tempered glass
- Can bear static loads up to 5400Pa

