

VT 54PCS POLY Series 1480X992X35MM

Electrical parameters

Electrical parameters at STC (1,000W/m²), 25°C, AM 1.5 according to EN 60904-3

Module type	[P]	VT250P54	VT240P54	VT230P54	VT220P54
Power output	[W]	250	240	230	220
Power output tolerances	[%]	±3	±3	±3	±3
Module efficiency	[%]	17.0	16.5	15.7	15.0
Voltage at Pmax, Vmpp	[V]	27.6	27.3	27.1	27.0
Current at Pmax, Impp	[A]	9.06	8.79	8.49	8.15
Open circuit voltage Voc	[V]	32.1	31.7	31.4	31.30
Short circuit current Isc	[A]	9.51	9.23	8.92	8.55

Parameters of thermal characteristics

NOCT(Nominal Operating Cell Temperatures)	[°C]	46 ± 2
Temperature coefficient beta of Isc	[1/k]	+0.0006
Temperature coefficient alpha of Voc	[1/k]	-0.0037
Temperature coefficient gamma of Pmpp	[1/k]	-0.0045

Mechanical parameters

Dimensions(mm)	1,480*992*35
Weight(kg)	17.5
Cell type(quantity/technology)	54/polycrystalline/156x156
Encapsulation materials	Ethylene Vinyl Acetate(EVA)
Frame	Robust anodized aluminum alloy

Working conditions

Maximum system voltage	DC 1000V(TUV)/600V(UL)
Operating temperature	-40°C~+85°C
Maximum series fuse	15A
Max. wind load/Max. snow load	2400Pa/5400Pa
Grounding conductivity	< 0.1
Insulation resistance	≥ 100M
Application class	Class A

