

VT 72PCS MONO Series 1956X992X40MM

Electrical parameters

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

Module type	[M]	VT330M72	VT320M72	VT300M72	VT280M72
Power output	[W]	330	320	300	280
Power output tolerances	[%]	±3	±3	±3	±3
Module efficiency	[%]	17.0	16.5	15.5	14.5
Voltage at Pmax,Vmpp	[V]	37.7	37.5	37.4	37.0
Current at Pmax,Imp	[A]	8.76	8.54	8.02	7.62
Open circuit voltage Voc	[V]	46.05	45.81	44.81	44.41
Short circuit current Isc	[A]	9.29	9.06	8.86	8.26

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)	1,956*992*40
Weight(kg)	21.5
Cell type(quantity/technology)	72/mono-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

