

VT 60PCS MONO Series 1650X992X40MM

Electrical parameters

Electrical parameters at STC(1.000W/m²), 25°C, AM 1.5 according to EN 60904-3

Module type	[M]	VT275M60	VT260M60	VT250M60	VT240M60
Power output	[W]	275	260	250	240
Power output tolerances	[%]	±3	±3	±3	±3
Module efficiency	[%]	16.9	15.9	15.4	14.8
Voltage at Pmax, Vmpp	[V]	30.5	30.0	29.5	29.5
Current at Pmax, Imp	[A]	9.01	8.66	8.47	8.13
Open circuit voltage Voc	[V]	37.21	37.10	36.50	36.20
Short circuit current Isc	[A]	9.56	9.01	8.92	8.77

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)	1,650*992*40
Weight(kg)	18.5
Cell type(quantity/technology)	60/mono crystalline/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

