

200W

Temperature Coefficient

Nominal Operating Cell Temperature	NOCT	°C	45 +/-2
Voltage Temperature Coefficient (Voc)	α	%/°C	-0.32
Current Temperature Coefficient (Isc)	β	%/°C	0.055
Power Temperature Coefficient (Pmpp)	γ	%/°C	-0.39

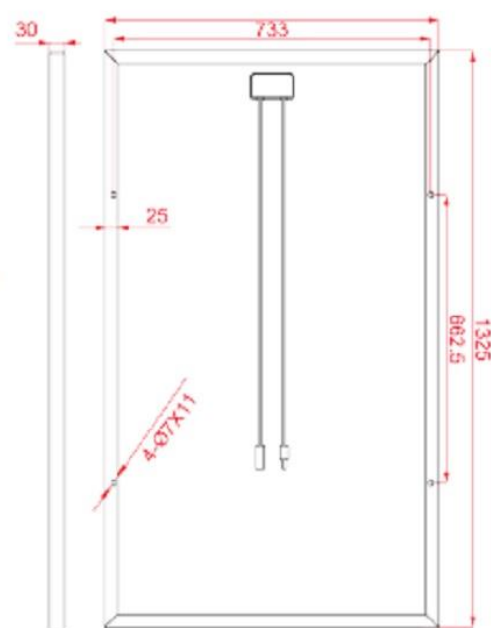
Mechanical Data

Solar Cell	Monocrystalline, 182*140mm
Arrangement	36Cells (4*9)
Front Glass	3.2mm Tempered
Frame	Anodized Aluminium - Black
Max. Static Snow Load, Front	5400Pa
Max. Static Snow Load, Back	2400Pa
Junction Box	IP67
Cables & Connectors	MC4

Electrical Data

STC: Irradiance 1000 W/m²(module temperature 25°C AM1.5)

Module Type	NPV200BLACK		
Nominal Peak Power	P _{max}	W _p	200
Minimum Power Tolerance	ΔP _{max}	%	-/+3
Max. Power Voltage	V _{mp}	V	20.2
Max. Power Current	I _{mp}	A	9.90
Open-circuit Voltage	V _{oc}	V	24.0
Short-circuit Voltage	I _{sc}	A	10.76
Module Efficiency	η _m	%	19.7
Operating Temperature		°C	-40 to +85
Max Series Fuse Rating		A	15
Max. System voltage	DC	V	1500
Weight		KGS	10.5
Dimension		MM	1325*765*30



Dimensions unit: mm