

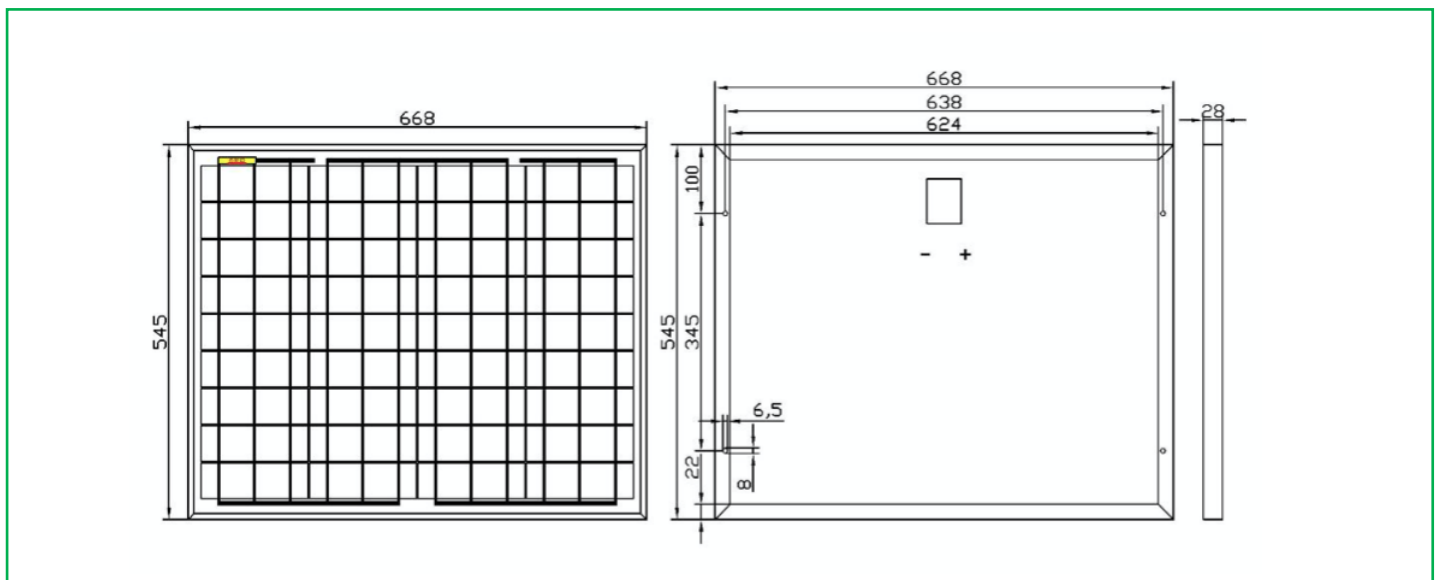
PV Drawing

DNE50P-18

Electrical Data (STC)

Module Type	DNE50P-18
Peak Power (Pmax)	50
Maximum Power Voltage (Vmp)	19.12
Maximum Power Current (Imp)	2.62
Open Circuit Voltage (Voc)	22.68
Short Circuit Current (Isc)	2.80
Module Efficiency (%)	13.73
Maximum Power Tolerance	0-5W

* STC: Irradiance 1000W/m², Module Temperature 25°C, AM 1.5



Mechanical Characteristics

Cell type	156*51 (52.5) Poly
Cells Number	36 (4*9)
Dimensions	545*668*28mm
Weight	4.3kgs
Front Glass	3.2mm high transmission, tempered glass
Frame	Anodized Aluminum Alloy
Junction Box	IP67/IP68
Output Cables	/
Connector	/

Temperature & Maximum rating

Temperature Coefficients Isc (A/°C)	+0.040%/°C
Temperature Coefficients Voc (V/°C)	-0.380%/°C
Temperature Coefficients Pmax (W/°C)	-0.470%/°C
NOCT (°C)	45±2°C
Operating and Storage Temperature (°C)	-40°C ~ +85°C
Maximum System Voltage (V)	1000V
Maximum Series Fuse Rating (A)	10A
Max Wind Load/Snow Load	2400Pa/5400Pa
Application Class	A

