

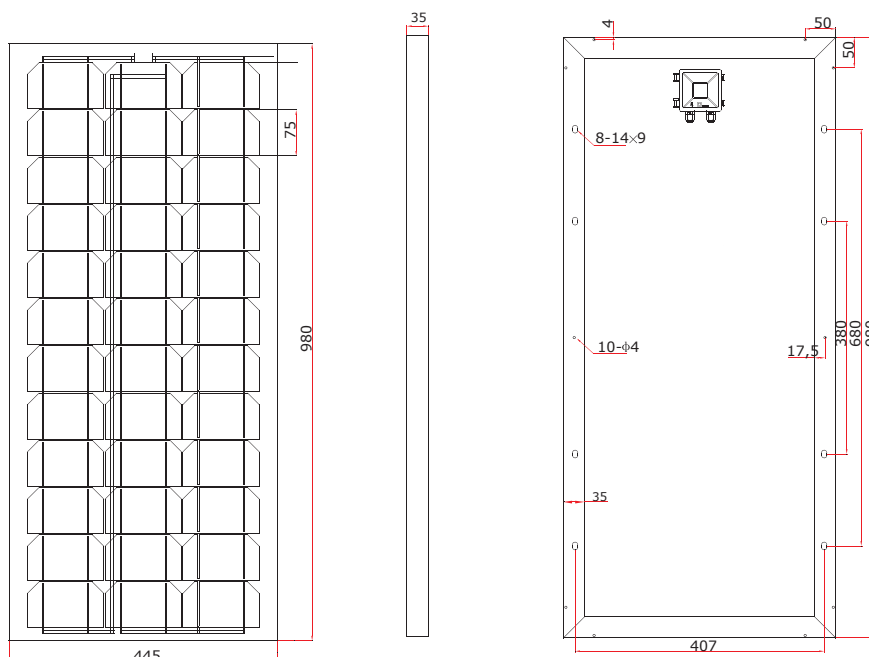
## Solarpanel (50W)

**M51050**  
(P8203.2)

- High efficiency and low voltage temperature coefficient ensures
- High temperature operation / Output Tolerance +/- 3
- Exceptional low light performance combined with high sensitivity to light enables excellent energy delivery
- 5 year limited warranty on materials and workmanship
- Manufactured in ISO 9001:2000 certified plant
- Highest quality, high-transmission tempered glass provides enhanced stiffness and impact resistance
- EVA encapsulation system with triple-layer back sheet meets the most stringent safety requirements for high-voltage operation
- Sturdy, anodized aluminium frame allows modules to be easily roof-mounted with a variety of standard mounting systems
- Ultra reliable bypass diodes prevent damage through overheating due to shaded or defective cells



Characteristic	Description / Value
Peak Power (Pmax)	50 W
Weight	6 kg
Dimensions	445 x 980 x 35 mm (17.5 x 38.5 x 1.38 inch)
Maximum power voltage	(Vmp) 18.22 V
Maximum power current	(Imp) 2.75 A
Open circuit voltage	(Voc) 21.96 V
Short circuit current	(Isc) 3.04 A
Maximum System volt.	DC 1000V
Normal operating cell temperature	44.4 ± 2 °C



### Wire Colours

red	+
blue	-