

# Xiamen Fengtai Energy Technology Co., Ltd

www.solar-wind-e.com

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Model	
Monocrystalline Silicon solar panel	ZDNY 100-M

Electrical characteristics	
Max. power Peak (PmW)	100 Watt
Power tolerance (%)	±3%
Max. system voltage VDC	600 Volt
Max. power voltage Vmp (V)	17,5 Volt ± 0,5 volt.
Max power current Imp (A)	5,71 Amp. ± 0,1 Amp.
Open circuit voltage Voc	22 Volt ± 0,5 volt.
Short circuit current Isc	6,16 Amp. ± 0,1 Amp.
Diode	2 pcs.
Operation temperature	-40 to + 85° C.

Specification (mechanical characteristics)	
Number, type and arrangement of cells	72 pcs. Monocrystalline silicon (4x9)
Dimensions: L x W x H	1346 x 550 x 35
Weight	9,5 Kg.
Frame (type, material)	Aluminium Alloy - anodized
Front glass	High transmission, low iron, tempered glass 3,2 mm.
Output tolerance	± 3%

Note: Test condition are STC Irradiance 1000 W/m<sup>2</sup> with AM 1,5 spectrum, cell temperature 25°C. Test method according to IEC 904-1. Tolerance efficiency 5% reel.



- Nominel 12 VDC for standard output.
- Outstanding low. light performance.
- Heavy-duty anodized frames.
- High transparent low-iron tempered glass.
- Cells are laminated with TPT and EVA ensuring longer life and maximum performance.
- Rugged design to withstand high wind pressure, hall and snow load.
- Aesthetic appearance.

