

ZT 130S mono

ZYTECH MODULES

Cells	
Cell Technology	Monocrystalline silicon
Number of cells per module	36
Cell dimensions	156 × 156 mm

Mechanical Data	
Dimension of the module L × W × H	1482 × 671 × 40 mm
Weight	14 kg

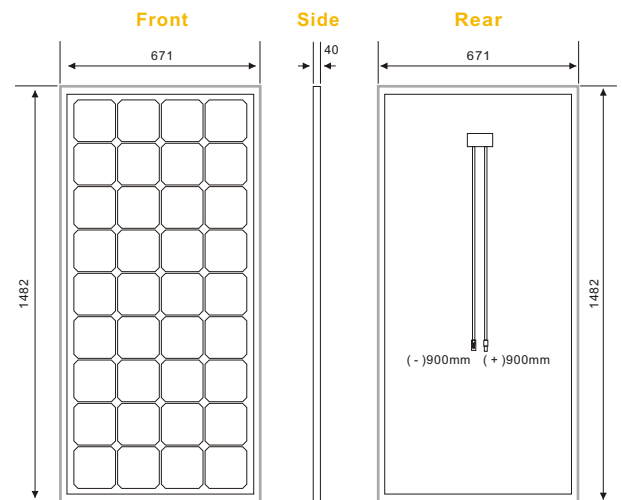
Electrical data		
		ZT 130S
Maximum power	P_{max}	130 W
Open Circuit Voltage	V_{oc}	22.25 V
Maximum power point voltage	V_{mpp}	17.71 V
Short circuit current	I_{sc}	8.11 A
Maximum power point current	I_{mpp}	7.34 A

* At Standard Conditions (STC) Irradiance 1000 watt/m², spectrum AM 1,5 at a cell temperature of 25°C.

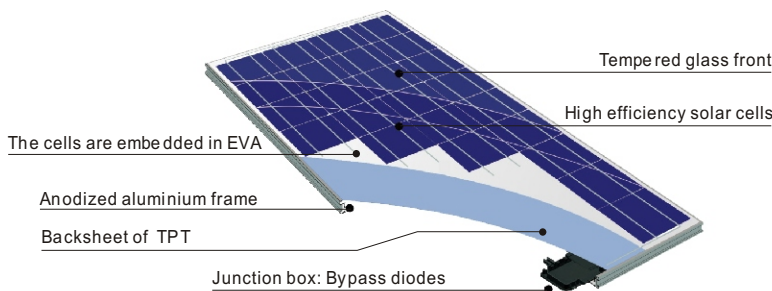
Thermal data	
NOCT	47°C ± 2°C
Temperature Coefficient of V_{oc}	- (65 ± 5) mV / °C
Temperature Coefficient of I_{sc}	+ (0.03 ± 0.015) % / °C
Temperature Coefficient of Power	- (0.29 ± 0.05) % / °C
Temperature Operation	- 40°C to +85°C
Temperature Ambient	- 40°C to +40°C
Junction box protection class	IP65

System integrated parameters	
Maximum system voltage SCII	1000 VDC
Maximum reverse current	Do not apply external voltages larger than V_{oc} to the module

Additional data	
Junction box	1000 VDC
Connector	Plug type 4
Power tolerance	± 5%
Cable	4 mm ²
Cable lengths	900 mm
Bypass diodes	2 pieces



Module Construction



Characteristics Curve

CELL TEMP. 25°C

