

ZT 55S mono

ZYTECH MODULES



Cells	
Cell Technology	Monocrystalline silicon
Number of cells per module	36
Cell dimensions	125 × 75 mm

Mechanical Data	
Dimension of the module L x W x H	740 × 545 × 35 mm
Weight	6.0 kg

Electrical data		
		ZT 55S
Maximum power	P_{max}	55 W
Open Circuit Voltage	V_{oc}	21.70 V
Maximum power point voltage	V_{mpp}	17.58 V
Short circuit current	I_{sc}	3.85 A
Maximum power point current	I_{mpp}	3.13 A

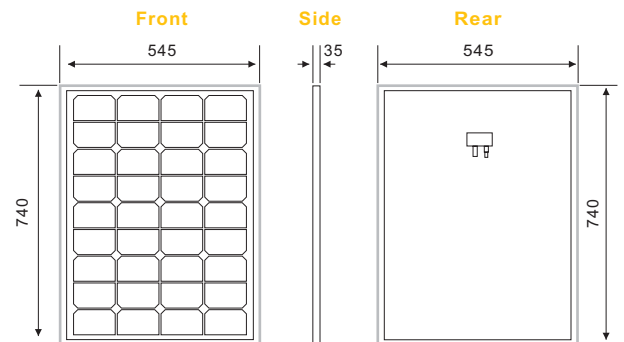
* At Standard Conditions (STC) Irradiance 1000 watt/m², spectrum AM 1,5 at a cell temperature of 25°C.

Thermal data	
NOCT	47°C ± 2°C
Temperature Coefficient of V_{oc}	- (60 ± 5) mV / °C
Temperature Coefficient of I_{sc}	+ (0.065 ± 0.015) % / °C
Temperature Coefficient of Power	- (0.5 ± 0.05) % / °C

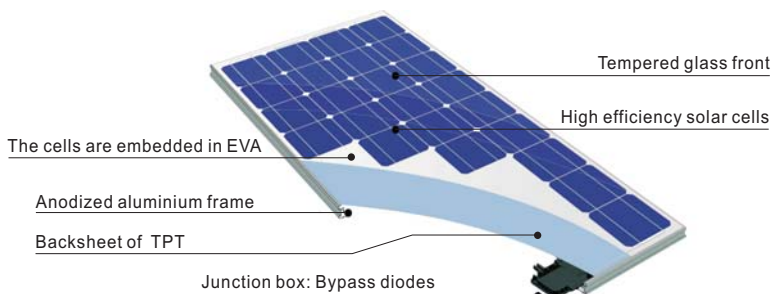
* NOCT: Normal Operational Temperature in Celsius

System integrated parameters	
Maximum system voltage SCII	600 VDC
Maximum reverse current	Do not apply external voltages larger than V_{oc} to the module

Additional data	
Junction box	1000 VDC
Power tolerance	± 5%
Bypass diodes	2 pieces

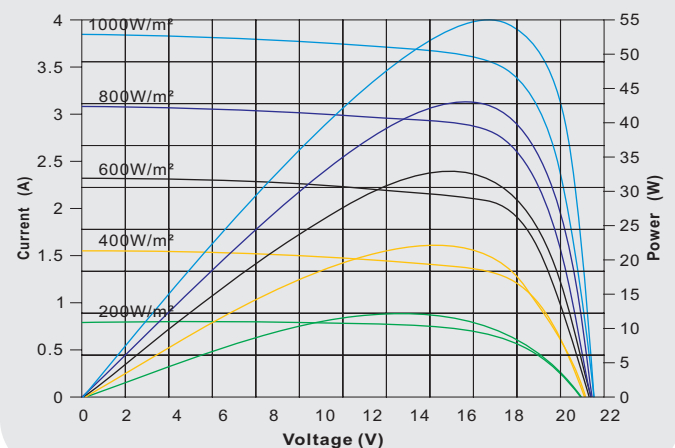


Module Construction



Characteristics Curve

CELL TEMP. 25°C



Zytech Solar reserves the right to change specifications without notice.

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