



## Tianjin Innovator Environmental Engineering Co.,Ltd

6-2-605 RongHe Plaza, Central Road, Airport Economic Development Zone, Tianjin, China  
Tel:+86 22 84841648 Fax:+86 22 84841659 Email:Matthews@innorecycling.com  
www.innorecycling.com

### 125\*83.33 Solar mono wafer INEE50W/12V Solar Module

ITEM NO	INEE50/12V
MONO or POLY	MONO
Maximum power (Wp)	50wp
Maximum power voltage (V)	18
Maximum power current (A)	2.78
Open circuit voltage (V)	21.6
Short circuit current (A)	3.1
Number of cells (Pcs)	36
Size of module (mm)	840×542×30 (mm)
Maximum system voltage (V)	715
Temperature coefficients of Isc (%)	0.065+/-0.015%/°C
Temperature coefficients of Voc (%)	- (2.23+/-0.1) mv/ °C
Temperature coefficients of Pm (%)	- (0.5+/-0.05) / °C
Temperature coefficients of Im (%)	+0.1/ °C
Temperature coefficients of Vm (%)	-0.38/ °C
Temperature Range	-40°C~+85°C
Tolerance Wattage (e.g. +/-5%)	+/-5%
Surface Maximum Load Capacity	60m/s(200kg/sq.m)
Allowable Hail Load	steel ball fall down from 1m height
Weight per piece (kg)	4.8
Junction Box Type	GY-BOX-2( TUV )
Length of Cables (mm)	1000mm
Cell Efficiency (%)	> 14%
Module Efficiency (%)	> 12.9%
Output tolerance (%)	+/-3%
Frame (Material, Corners, etc.)	Aluminum
Standard Test Conditions	AM1.5 100mW/cm2 25°C
Warranty	2 years product warranty and 25 years 80% of power
FF (%)	74. 5%
Packing	10PCS/CTN 1176

