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**125\*125 Solar mono wafer**  
**INEE140W/18V Solar Module**

ITEM NO	INEE140/12V
MONO or POLY	MONO
Maximum power (Wp)	140wp
Maximum power voltage (V)	18.0
Maximum power current (A)	7.77
Open circuit voltage (V)	22.32
Short circuit current (A)	8.55
Number of cells (Pcs)	36
Size of module (mm)	1476*665*35( 156x156mm cell)
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)	11.5
Junction Box Type	GY-BOX-5C( TUV )
Length of Cables (mm)	900mm
Cell Efficiency (%)	> 16%
Module Efficiency (%)	> 14.75%
Output tolerance (%)	+/-5%
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 (%)	73%
Packing	2PCS/CTN , 840PCS/40 FCL

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