



Innovative Solar Solutions

ELECTRICAL DATA @STC

Model	INV 75
Maximum Power P _{mpp} [Wp]	75
Maximum Power Tolerance (%)	±5%
Voltage at maximum Power V _{mpp} [V]	18.06
Open circuit Voltage V _{oc} [V]	21.94
Current at maximum Power I _{mpp} [A]	4.15
Short circuit Current I _{sc} [A]	4.59
NOCT [deg. C] ±2	45
Module Efficiency [%]	14.7

MECHANICAL DATA / CONSTRUCTION

Module Length (L) mm	775
Module Width (W) mm	665
Frame Width (D) mm	35
Mounting pitch C/C (L)mm	400
Mounting pitch C/C (W)mm	620
Number of bypass diodes	2
Number of cells	36
Module Weight (Kgs)	6.3

Materials

- Frame : Al. Alloy
- Superstrate : Glass 3.2 Thk.
- Encapsulant : EVA
- Substrate : Composite film
- Junction Box : 3 Terminal
- JB Material : PPO / IP65
- Solar Cell : Polycrystalline

Warranty Terms

- 10 Years Warranty on 90% of nominal power O/P
- 25 Years Warranty on 80% of nominal power O/P

10 years warranty for manufacturing defects.

The Electrical characteristics are at Standard Test Conditions (STC: irradiance of 1000 W/m², AM 1.5 spectrum, and a cell temperature of 25°C/77°F)

