



Innovative Solar Solutions

ELECTRICAL DATA @STC

Model	INV 320
Maximum Power P _{mpp} [Wp]	320
Maximum Power Tolerance (%)	±5%
Voltage at maximum Power V _{mpp} [V]	18.75
Open circuit Voltage V _{oc} [V]	22.87
Current at maximum Power I _{mpp} [A]	17.10
Short circuit Current I _{sc} [A]	18.52
NOCT [deg. C] ±2	45
Module Efficiency [%]	15

MECHANICAL DATA / CONSTRUCTION

Module Length (L) mm	1970
Module Width (W) mm	990
Frame Width (D) mm	38
Mounting pitch C/C (L)mm	1150/900
Mounting pitch C/C (W)mm	955
Number of bypass diodes	3
Number of cells	72
Module Weight (Kgs)	22.0

Materials

- Frame : Al. Alloy
- Superstrate : Glass 3.2 Thk.
- Encapsulant : EVA
- Substrate : Composite film
- Junction Box : 4 Terminal
- JB Material : PPO / IP67
- Cable : Provided
- Solar Cell : Polycrystalline

Warranty Terms

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

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)

