



3M6- 300/305/310/315/320/325

DESERV 3M6 72 cells PV Modules Series are offered with power ratings ranging from 300 Wp to 325 Wp. The high performance Multi Crystalline Silicon Modules are designed for on-grid as well as off-grid applications.

KEY FEATURES



Made in India



1000 V V_{dc}



Positive power tolerance



PID resistant



Highly reliable Anti- reflective coated glass

25
YEARS

Limited power output warranty



Windspeed - 2400 Pa

Snowload - 5400 Pa

10
YEARS

Product warranty



IP67 Junction box



IEC Certified - 61215, 61730, TS 62804

IEC 61701 (Salt mist corrosion resistant- Severity 6)

IEC 62716 (Ammonia corrosion resistant)

UL Certified 1703

ISO 9001:2008/ Quality management system

RenewSys has a global presence with offices in Dubai, Johannesburg, Lagos, London, Mauritius and Singapore as well as representative offices in USA and many countries of Europe.

**Performance under standard test conditions
(1000W/m² AM 1.5, 25°C)**

	DESERV 3M6-300	DESERV 3M6-305	DESERV 3M6-310	DESERV 3M6-315	DESERV 3M6-320	DESERV 3M6-325
Rated power (Pmax), Wp	300	305	310	315	320	325
Max power voltage (Vmp), V	36.52	36.75	36.86	36.92	37.20	37.41
Max power current (Imp), A	08.22	08.30	08.42	08.55	08.61	08.69
Open circuit voltage (Voc), V	45.65	45.94	46.08	46.15	46.23	46.21
Short circuit current (Isc), A	08.56	08.65	08.76	08.91	09.06	09.18
Module efficiency (%)	15.48	15.74	16.00	16.26	16.51	16.77

Operating Conditions

Ambient temperature, °C	-40 to + 85
Maximum system voltage, Vdc	1000
Hail impact velocity, m/sec	23
Maximum surface load capacity, Pascals	5400

Cell Temperature Coefficients

Open circuit voltage	- 0.30 % / °C
Short circuit current	+ 0.05 % / °C
Nominal power	- 0.40 % / °C

Physical Parameters

No. of cells	72
Module dimensions (mm)	1957 X 990
Module thickness (mm)	40
Approximate weight (kg)	21.5

Mechanical Characteristics

Cable	NO. 12 AWG, 4mm ² (1 m standard. 1.2 m available on request)
PV connectors	MC4/MC4 (Compatible)/TYCO
Frame	Anodized Aluminum Alloy
Junction box	IP67 Junction Box With 4 Rail
Glass	3.2mm Thick Low Iron Tempered (4mm available on request)

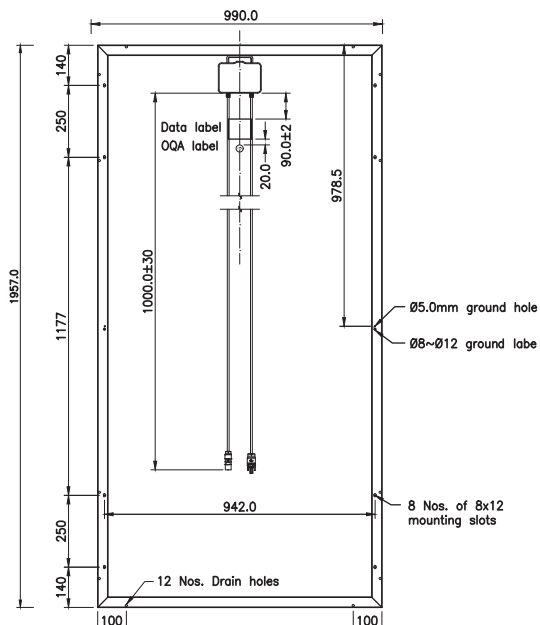
Registered Office

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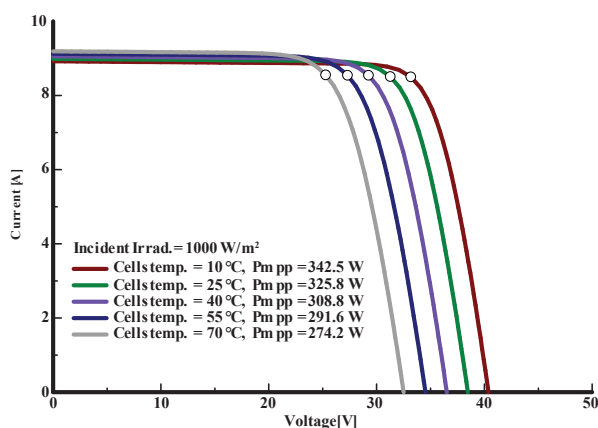
Factory

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72 Cells PV Solar Module Dimensions



PV modules: RenewSys, DESERV 3M6- 325



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