



**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<sub>dc</sub>



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/m<sup>2</sup> 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 <sup>2</sup> (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)

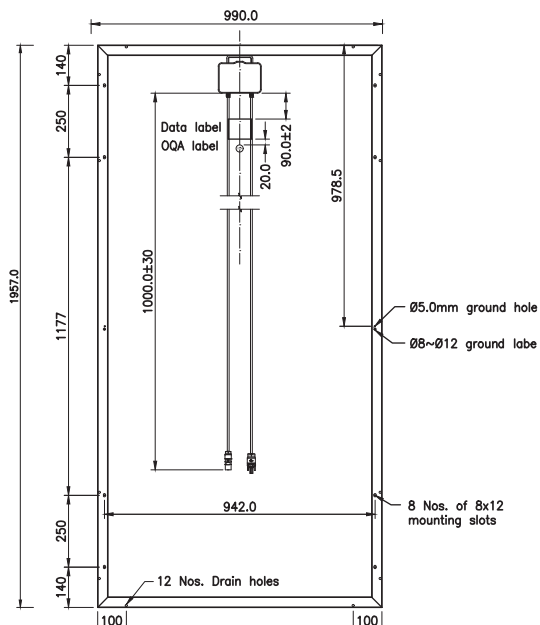
**Registered Office**

98, Jolly Maker Chambers No.2, 225 Nariman Point, Mumbai - 400 021, Maharashtra, India  
Tel.: + 91 22 30040500

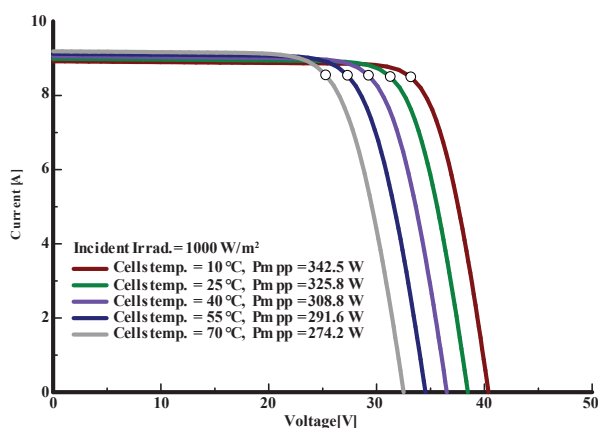
**Factory**

Plot No.6, Survey # 114/P, Srinagar Village, Maheshwaram Mandal, Dist-Rangareddy, Hyderabad - 501 359, Telangana, India.  
Tel.: + 91 40 67303000 Fax: + 91 40 67303003

**72 Cells PV Solar Module Dimensions**



**PV modules: RenewSys, DESERV 3M6- 325**



**PV modules: RenewSys, DESERV 3M6- 325**

