



**3M6- 250/255/260/265/270**

DESERV 3M6 Series consists of PV Modules with power ratings ranging from 250 Wp to 270 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 3M6-250	DESERV 3M6-255	DESERV 3M6-260	DESERV 3M6-265	DESERV 3M6-270
Rated power (Pmax), Wp	250	255	260	265	270
Max power voltage (Vmp), V	30.43	30.62	30.72	30.77	30.95
Max power current (Imp), A	08.22	08.34	08.47	08.63	08.73
Open circuit voltage (Voc), V	38.04	38.28	38.40	38.46	38.70
Short circuit current (Isc), A	08.56	08.69	08.82	08.99	09.12
Module efficiency (%)	15.40	15.71	16.01	16.32	16.63

## 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

## Temperature Coefficients

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

## Physical Parameters

No. of cells	60
Module dimensions (mm)	1640 X 990
Module thickness (mm)	40
Approximate weight (kg)	18

## 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 (4 mm available on request)

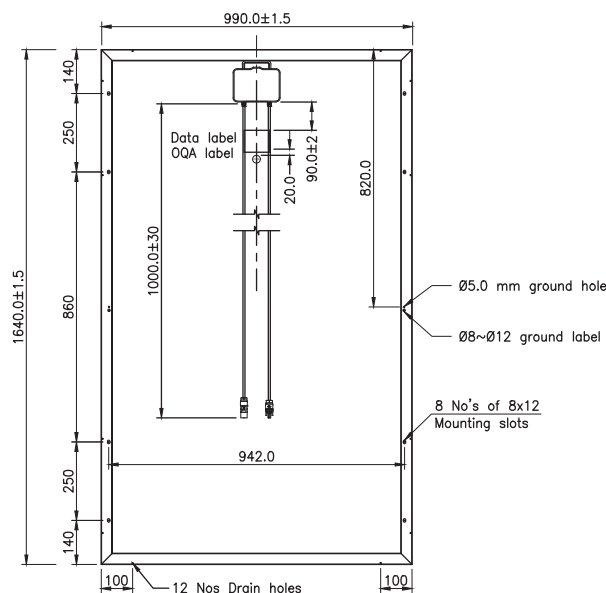
## Registered Office

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

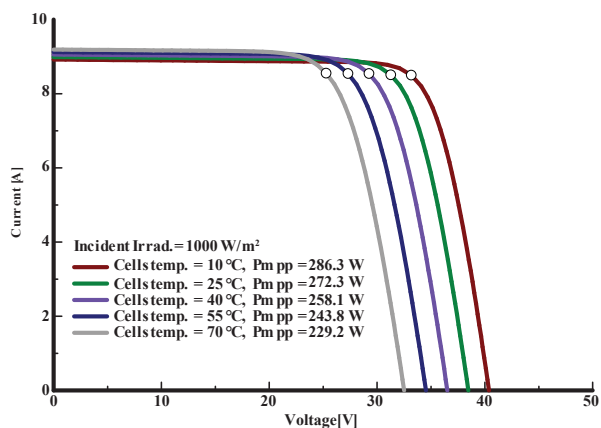
## Factory

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## 60 Cells PV Solar Module Dimensions



## PV Module: RenewSys, DESERV 3M6-270



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