



DESERV 3M6 Series consists of PV Modules with power ratings ranging from 135 Wp to 150 Wp. The high performance Poly-Crystalline 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 low-Iron tempered glass

25  
YEARS

Limited power output warranty



Windspeed - 2400 Pa  
Snowload - 5400 Pa

10  
YEARS

Product warranty



IP67 Junction box



IEC Certified - 61215, 61730  
61701(Salt mist corrosion resistant- Severity 6)  
62716(Ammonia corrosion resistant)

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 3M6-135	DESERV 3M6-140	DESERV 3M6-145	DESERV 3M6-150
Rated power (Pmax), Wp	135	140	145	150
Max power voltage (Vmp), V	17.63	17.55	18.1	18.44
Max power current (Imp), A	7.66	7.98	8.03	8.15
Open circuit voltage (Voc), V	22.03	22.21	22.43	22.79
Short circuit current (Isc), A	8.15	8.49	8.54	8.67
Module efficiency (%)	13.32	13.81	14.3	14.8

**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	36
Module dimensions (mm)	1024 X 990
Module thickness (mm)	40/42
Approximate weight (kg)	13

**Mechanical Characteristics**

Cable	NO. 12 AWG, 4mm <sup>2</sup>
Pv connectors	MC4/MC4 (Compatible)/TYCO
Frame	Silver Anodized Aluminum Alloy
Junction box	IP67 Junction Box With 4 Rail
Glass	3.2mm Thick Low Iron Tempered

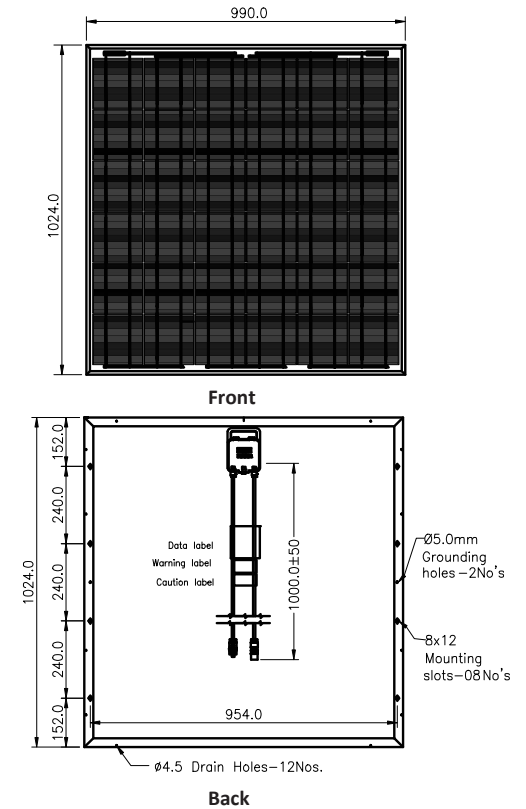
**Registered Office**

98, Jolly Maker Chambers No.2, 225 Nariman Point, Mumbai - 400 021, Maharashtra, India  
Tel.: + 91 22 30011700 Fax: + 91 22 22023774

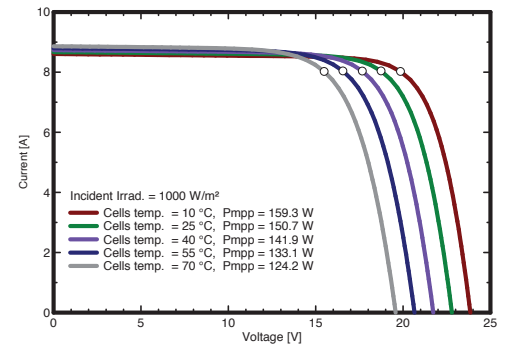
**Factory**

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

**36 Cell PV Solar Module Dimensions**



**PV module: RenewSys, DESERV 3M6 150**



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