



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_{dc}



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/m² 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 ²
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

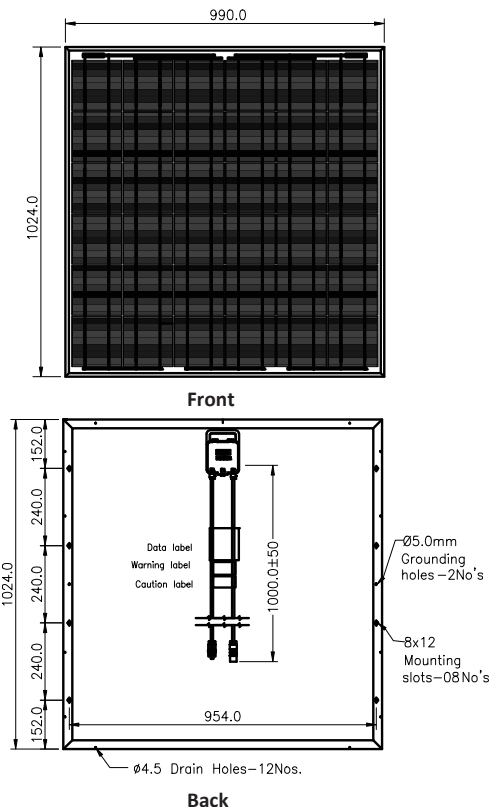
Registered Office

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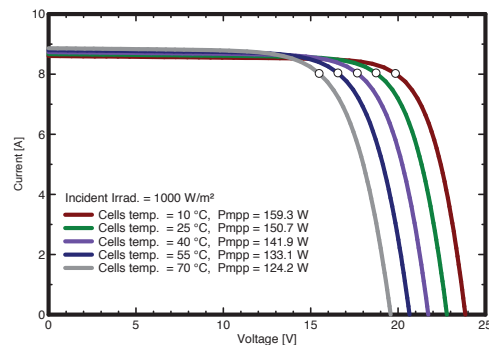
Factory

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36 Cell PV Solar Module Dimensions



PV module: RenewSys, DESERV 3M6 150



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