



3M6- 140/145/150/155

DESERV 3M6 Series consists of PV Modules with power ratings ranging from 140 Wp to 155 Wp. The high performance Multi crystalline Silicon 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 3M6-140	DESERV 3M6-145	DESERV 3M6-150	DESERV 3M6-155
Rated power (Pmax), Wp	140	145	150	155
Max power voltage (Vmp), V	17.55	18.10	18.44	18.75
Max power current (Imp), A	07.98	08.03	08.15	08.27
Open circuit voltage (Voc), V	22.21	22.43	22.79	23.05
Short circuit current (Isc), A	08.49	08.54	08.67	08.80
Module efficiency (%)	13.80	14.30	14.79	15.29

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

Mechanical Characteristics

Cable	NO. 12 AWG, 4mm ²
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

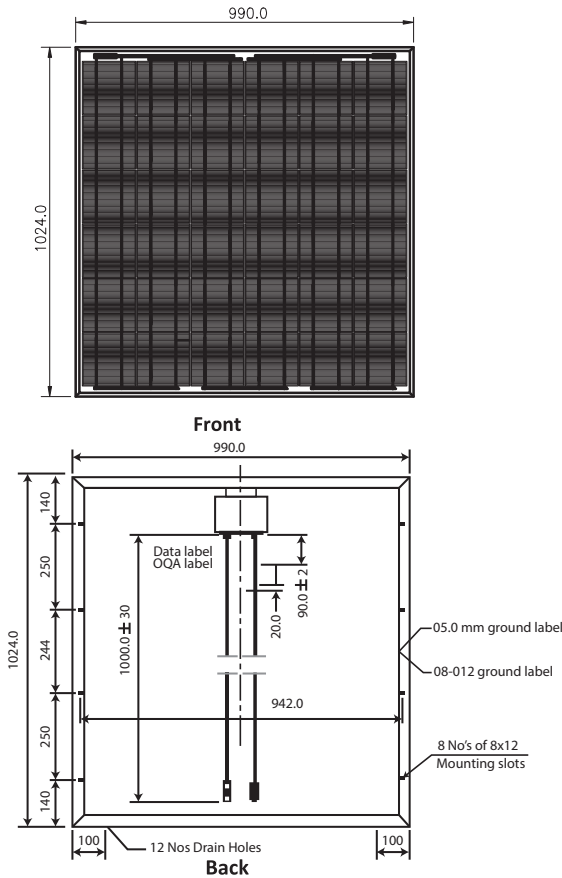
Registered Office

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

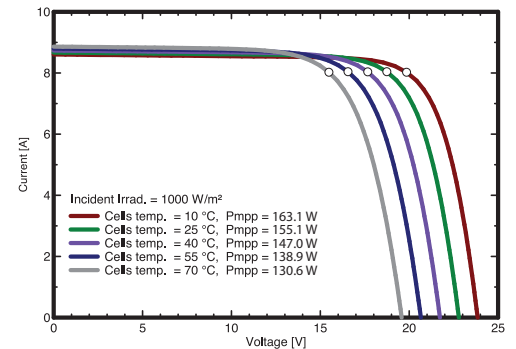
Factory

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

36 Cell PV Solar Module Dimensions



PV module: RenewSys, DESERV 3M6 155



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