



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



Positive power tolerance



Highly reliable Anti- reflective coated glass



Windspeed - 2400 Pa
Snowload - 5400 Pa



IP67 Junction box

ISO 9001:2008/ Quality management system



1000 V V_{dc}



PID resistant

25
YEARS

Limited power output warranty

10
YEARS

Product warranty



IEC Certified - 61215, 61730, TS 62804
IEC 61701 (Salt mist corrosion resistant- Severity 6)
IEC 62716 (Ammonia corrosion resistant)
UL Certified 1703

Performance under standard test conditions (1000W/m² AM 1.5, 25°C)

	RENEW -250	RENEW -255	RENEW -260	RENEW -265	RENEW -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

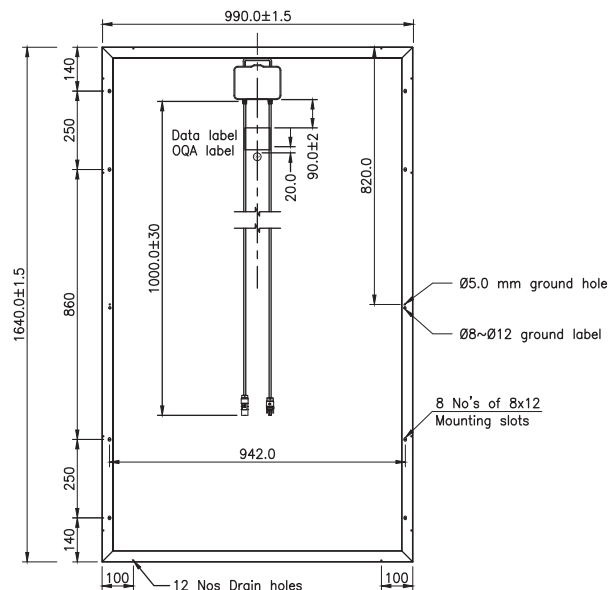
Physical Parameters

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

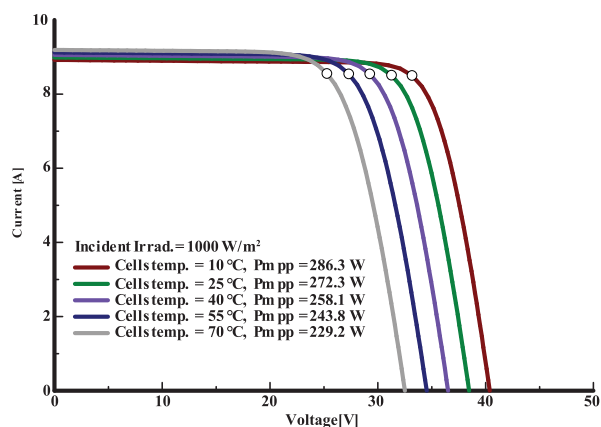
Mechanical Characteristics

Cable	NO. 12 AWG, 4mm ² (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)

60 Cells PV Solar Module Dimensions



PV Module: RenewSys, RENEW-270



PV Module: RenewSys, RENEW-270

