

**HIGH
VOLTAGE
63 V**



Prime 255 Wp/260 Wp/265 Wp

DESERV PRIME Series consists of PV Modules with power ratings ranging from 255 Wp to 265 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 Anti-reflective coated glass

10
YEARS

Limited power output warranty



Windspeed - 2400 Pa

Snowload - 5400 Pa

05
YEARS

Product warranty



IP67/IP65 Junction box



IEC Compliant - 61215, 61730

IMS Certified Company (ISO 9001:2015 & OHSAS 18001:2007)

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 PRIME - 255Wp	DESERV PRIME - 260Wp	DESERV PRIME - 265Wp
RATED POWER (P _{max}), Wp	255	260	265
MAX POWER VOLTAGE (V _{mp}), V	62.82	63.04	63.11
MAX POWER CURRENT (I _{mp}), A	4.06	4.15	4.22
OPEN CIRCUIT VOLTAGE (V _{oc}), V	75.35	75.52	75.89
SHORT CIRCUIT CURRENT (I _{sc}), A	4.41	4.52	4.58
MODULE EFFICIENCY (%)	15.29	15.59	15.89

OPERATING CONDITIONS

AMBIENT TEMPERATURE, °C	-40 to +85
MAXIMUM SYSTEM VOLTAGE, V _{dc}	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	120
MODULE DIMENSIONS (mm)	1627 X 1025
MODULE THICKNESS (mm)	40
APPROXIMATE WEIGHT (kg)	18.5

MECHANICAL CHARACTERISTICS

CABLE	NO. 12 AWG, 4mm ²
PV CONNECTORS	MC4/MC4 (COMPATIBLE)/TYCO
FRAME	SILVER ANODIZED ALUMINUM ALLOY
JUNCTION BOX	Split Junction Box
GLASS	3.2mm THICK LOW IRON TEMPERED

ADVANTAGE

- HIGH PERFORMANCE COMPARE TO REGULAR 60 CELLS MODULE
- LESS CONVERSION LOSSES
- MODULE FOR SINGLE PHASE APPLICATIONS
- HIGHER OPERATING VOLTAGES

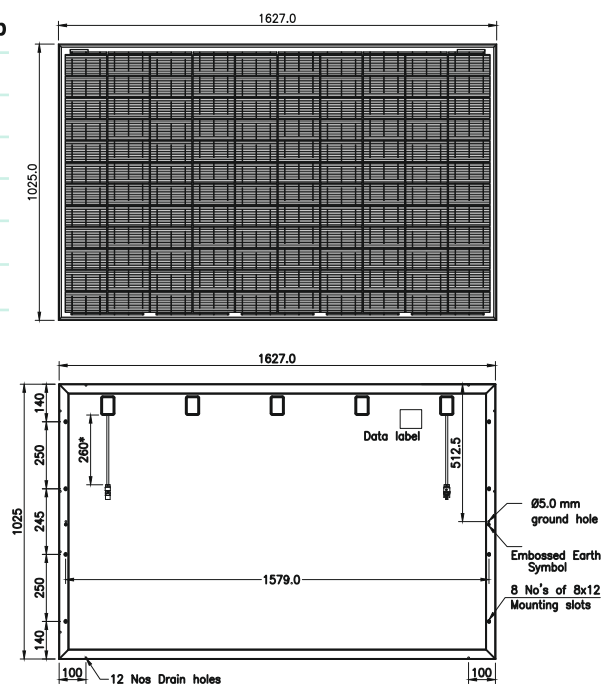
Registered Office

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Factory

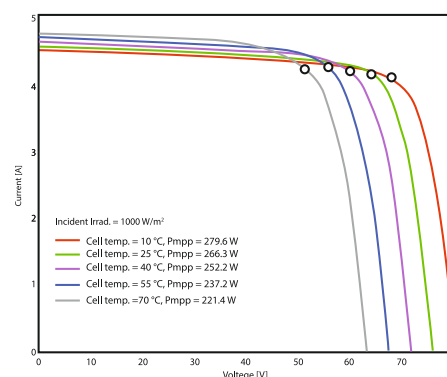
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120 CELLS PV SOLAR MODULE DIMENSIONS

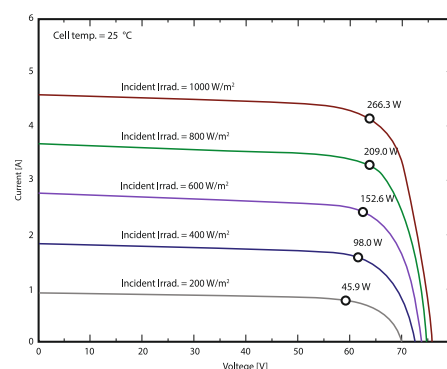


* Cable length may vary based on requirements

PV modules: RenewSys, DESERV PRIME 265



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