

**HIGH
VOLTAGE
92 V**

DESERV™
C60 – 170 Wp

DESERV C60 Series consists of PV Modules with power ratings ranging from 170 Wp.
These high performance Multi-Crystalline Silicon 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 Junction box



IEC Compliant - 61215, 61730

**PERFORMANCE UNDER STANDARD TEST CONDITIONS
(1000W/m² AM 1.5, 25°C)**

DESERV C60 - 170Wp	
RATED POWER (Pmax), Wp	170
MAX POWER VOLTAGE (Vmp), V	92.025
MAX POWER CURRENT (Imp), A	1.86
OPEN CIRCUIT VOLTAGE (Voc), V	112.5
SHORT CIRCUIT CURRENT (Isc), A	1.97
MODULE EFFICIENCY (%)	14.25

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	180
MODULE DIMENSIONS (mm)	1940 X 615
MODULE THICKNESS (mm)	40
APPROXIMATE WEIGHT (kg)	20

MECHANICAL CHARACTERISTICS

CABLE	NO. 12 AWG, 4mm ² /1.2 m standard
PV CONNECTORS	MC4/MC4 (COMPATIBLE)/TYCO
FRAME	ANODIZED ALUMINUM ALLOY
JUNCTION BOX	IP67 JUNCTION BOX WITH 4 RAIL - 3 Diode X 2
GLASS	3.2mm Thick; Low Iron Tempered glass

NOCT - DESERV C60

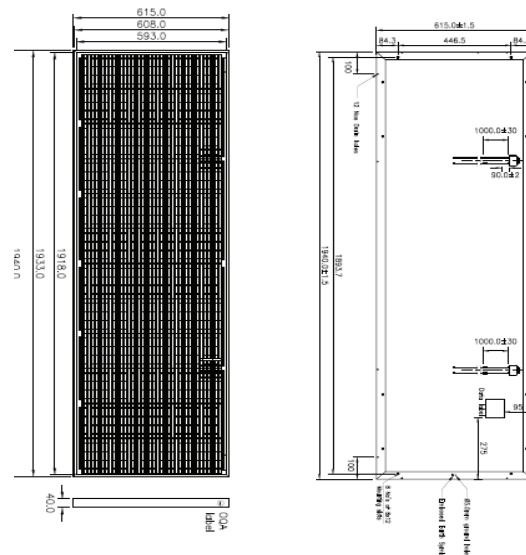
Pmax (W)	126.52
Voltage Vmax Vmpp(V)	84.16
Current Imax Impp (A)	1.51
Open Circuit Voltage Voc (V)	104.61
Short Circuit Current Isc (A)	1.61

Registered Office

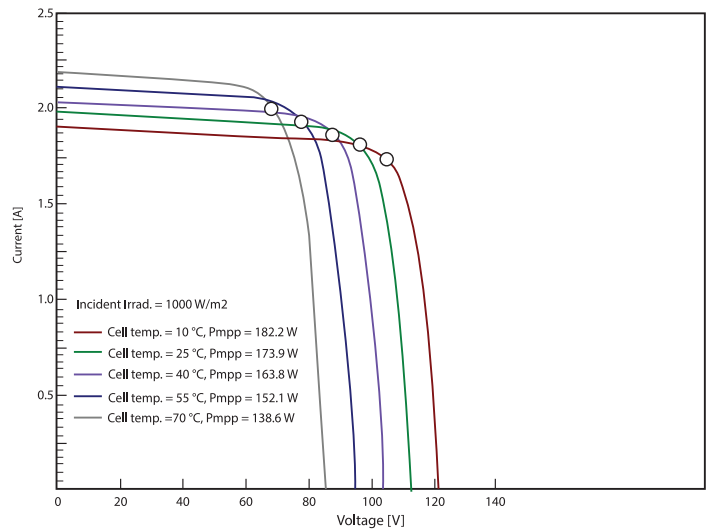
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180 CELLS PV SOLAR MODULE DIMENSIONS



DESERV C60 - 170: PV Modules



DESERV C60 - 170: PV Modules

