

**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. 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<sub>dc</sub>



Positive power tolerance



PID resistant



Highly reliable anti-reflective coated glass



Limited power output warranty



Windspeed - 2400 Pa  
Snowload - 5400 Pa



Product warranty



IP67/IP65 Junction box



IEC Compliant - 61215, 61730



CONSERV®  
E 360 - POE  
Encapsulant

**PERFORMANCE UNDER STANDARD TEST CONDITIONS (1000W/m<sup>2</sup> AM 1.5, 25°C)**

	DESERV PRIME - 255Wp	DESERV PRIME - 260Wp	DESERV PRIME - 265Wp
RATED POWER (Pmax), Wp	255	260	265
MAX POWER VOLTAGE (Vmp), V	62.82	63.04	63.11
MAX POWER CURRENT (Imp), A	4.06	4.15	4.22
OPEN CIRCUIT VOLTAGE (Voc), V	75.35	75.52	75.89
SHORT CIRCUIT CURRENT (Isc), 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, 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	120
MODULE DIMENSIONS (mm)	1627 X 1025
MODULE THICKNESS (mm)	40
APPROXIMATE WEIGHT (kg)	18.5

**MECHANICAL CHARACTERISTICS**

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

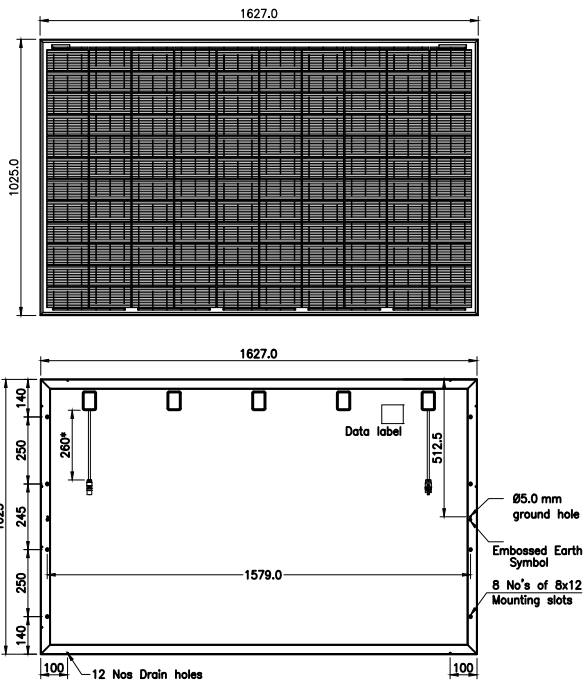
NOCT	255Wp	260Wp	265Wp
Pmax (W)	189.78	193.50	197.22
Voltage Vmax Vmpp (V)	57.45	57.65	57.72
Current Imax Imp (A)	3.30	3.38	3.43
Open Circuit Voltage Voc (V)	70.06	70.22	70.56
Short Circuit Current Isc (A)	3.60	3.69	3.74

**Registered Office**

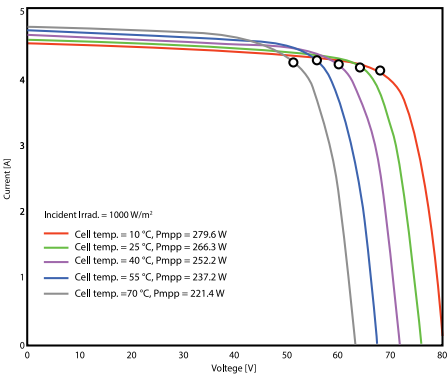
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**120 CELLS PV SOLAR MODULE DIMENSIONS**



**DESERV PRIME 265: PV Module**



**DESERV PRIME 265: PV Module**

