



**C12 - 40/50/80/100/125**

DESERV C Series consists of PV Modules with power ratings ranging from 40 Wp to 125 Wp.  
These high performance Multi-Crystalline Silicon Modules are designed for 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

10  
YEARS

Limited power output warranty



IEC Compliant

5  
YEARS

Product warranty

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

Independently Audited by



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.



CONSERV®  
E 360 - POE  
Encapsulant

## DESERV Series 40W to 125W Technical Specifications

Electrical characteristics	DESERV C12 040	DESERV C12 050	DESERV C12 080	DESERV C12 100	DESERV C12 125
Rated power, Pmax (Wp)	40	50	80	100	125
Open circuit voltage, Voc (V)	21.95	21.67	21.82	21.92	22.08
Short circuit current, Isc (A)	2.44	3.03	4.79	5.95	7.38
Voltage at maximum power, Vmp (V)	17.84	17.67	17.82	17.92	18.04
Current at maximum power, Imp (V)	2.25	2.85	4.50	5.59	6.94
Module efficiency (%)	10.86%	13.57%	14.50%	13.60%	14.57%
Mechanical parameters	DESERV C12 040	DESERV C12 050	DESERV C12 080	DESERV C12 100	DESERV C12 125
Module dimension (mm)	559 X 659 X 34	559 x 659 x 34	837 x 659 x 34	1116 x 659 x 34	1301 x 659 x 34
Matrix	9 x 4	9 x 4	9 x 4	9 x 4	9 x 4
Solar cell type	Multi crystalline Silicon	Multi crystalline Silicon	Multi crystalline Silicon	Multi crystalline Silicon	Multi crystalline Silicon
Front cover	3.2mm Thickness; Low Iron Tempered glass	3.2mm Thickness; Low Iron Tempered glass	3.2mm Thickness; Low Iron Tempered glass	3.2mm Thickness; Low Iron Tempered glass	3.2mm Thickness; Low Iron Tempered glass
Frame material	Silver Anodized Aluminium Alloy	Silver Anodized Aluminium Alloy	Silver Anodized Aluminium Alloy	Silver Anodized Aluminium Alloy	Silver Anodized Aluminium Alloy
Junction box	3 Rail	3 Rail	3 Rail	3 Rail	3 Rail
Weight (Kg)	4.5	4.5	6.5	8.5	9.5

### 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

[renewsys@renewsysindia.com](mailto:renewsys@renewsysindia.com) ❖ [www.renewsysworld.com](http://www.renewsysworld.com)

Cable is optional. Please read the User Manual at the time of fixing cables to the connector. User Manual available with RenewSys office.

Due to continuous product updation, specifications may change without notice. Kindly refer to the website for updated details and latest information.