

C12 - 40/50/80/100/125

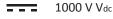
DESERV

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





Positive power tolerance



PID resistant



Highly reliable anti- reflective coated glass



Limited power output warranty



**IEC Compliant** 



**Product warranty** 

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

Independently Audited by



RenewSys has a global presence with offices in India, Mauritius, Nigeria, South Africa, Singapore, UAE, representatives in Europe, USA, and Mexico, and an evolving distributor network.





## **DESERV Series 40W to 125W Technical Specifications**

Electrical characteristics	<b>DESERV C12 040</b>	<b>DESERV C12 050</b>	<b>DESERV C12 080</b>	<b>DESERV C12 100</b>	<b>DESERV C12 125</b>
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	<b>DESERV C12 040</b>	<b>DESERV C12 050</b>	<b>DESERV C12 080</b>	<b>DESERV C12 100</b>	<b>DESERV C12 125</b>
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				
Front cover	3.2mm Thickness; Low Iron Tempered glass				
Frame material	Silver Anodized Aluminium Alloy				
Junction box	3 Rail				
Weight (Kg)	4.5	4.5	6.5	8.5	9.5

## **Registered Office**

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## **Factory**

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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.