



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



## 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

Unit 4, Stuart 2 Business Park, 4 Hilda Avenue, Hennospark, Centurion, 0046

[sales@drivedynamics.co.za](mailto:sales@drivedynamics.co.za) | [drivedynamics.co.za](http://drivedynamics.co.za)

Cable is optional. Please read the User Manual at the time of fixing cables to the connector. User Manual available with Drive Dynamics, write to us for details.

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