



C06 & C12-5/10/20/50/80/100/125

DESERV C Series consists of PV Modules with power ratings ranging from 5 Wp to 125 Wp.
The high performance Poly-Crystalline Cells are designed for 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



IEC Compliant

5
YEARS

Product warranty

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

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.

DESERV Series 5W to 125W

Technical Specifications

Electrical characteristics	DESERV C06 005	DESERV C12 010	DESERV C12 020	DESERV C12 050	DESERV C12 080	DESERV C12 100	DESERV C12 125
Rated power, Pmax (Wp)	5	10	20	50	80	100	125
Open circuit voltage, Voc (V)	10.73	21.46	21.51	21.67	21.82	21.92	22.08
Short circuit current, Isc (A)	0.72	0.72	1.43	3.03	4.79	5.95	7.38
Voltage at maximum power, Vmp (V)	8.75	17.49	17.54	17.67	17.82	17.92	18.04
Current at maximum power, Imp (V)	0.67	0.67	1.33	2.85	4.50	5.59	6.94
Module efficiency (%)	8.76%	9.73%	10.63%	13.57%	14.50%	13.60%	14.57%

Mechanical parameters	DESERV C06 005	DESERV C12 010	DESERV C12 020	DESERV C12 050	DESERV C12 080	DESERV C12 100	DESERV C12 125
Module dimension (mm)	423 x 135 x 22	423 x 243 x 22	774 x 243 x 22	559 x 659 x 34	837 x 659 x 34	1116 x 659 x 34	1301 x 659 x 34
Matrix	9 x 2	9 x 4	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	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	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	Silver Anodized Aluminium Alloy	Silver Anodized Aluminium Alloy
Junction box	2 Rail	2 Rail	2 Rail	3 Rail	3 Rail	3 Rail	3 Rail

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.

Module Image for representation purpose only. Due to continuous improvement product specification may change without notice.