RenewSys™

let there be light

DESERV™

C05 & C12-10/20/50/80/100/125

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
- CE IEC Compliant
- 5 YEARS Product warranty

ISO 9001:2008/ Quality management system

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 C05 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%	13.82%	14.50%	13.60%	14.59%

Mechanical parameters	DESERV C05 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 21	423 x 243 x 21	774 x 243 x 21	559 x 659 x 34.5	837 x 659 x 34.5	1116 x 659 x 34.5	1300.5 x 659 x 34.5
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 Thick; Low Iron Tempered glass	3.2mm Thick; Low Iron Tempered glass	3.2mm Thick; Low Iron Tempered glass	3.2mm Thick; Low Iron Tempered glass	3.2mm Thick; Low Iron Tempered glass	3.2mm Thick; Low Iron Tempered glass	3.2mm Thick; 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

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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 improvement product specification may change without notice.