



Mono Crystalline Silicon Modules

3S6 - 340 Wp to 370 Wp

DESERV 3S6 Series 72 cells, Mono Module Series is offered with power ratings ranging from 340 Wp to 370 Wp. These high performance Mono-Crystalline Silicon Modules are designed for on-grid, as well as off-grid applications.

KEY FEATURES



Made in India



Positive power tolerance



Highly reliable anti-reflective coated glass



Windspeed - 2400 Pa
Snowload - 5400 Pa



IP67 Junction box



1000 V_{dc}



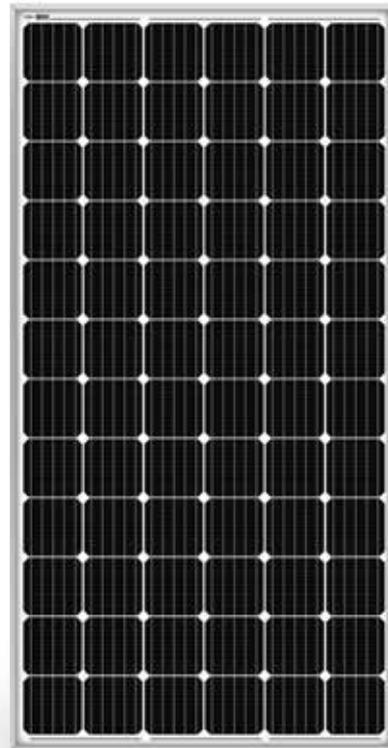
PID resistant



Limited power output warranty



Product warranty



IEC Certified - 61215, 61730

Independently Audited by



IMS Certified Company (ISO 9001: 2015, ISO 14001: 2015 & OHSAS 18001: 2007)

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.



CONSERV®
E 360 - POE
Encapsulant

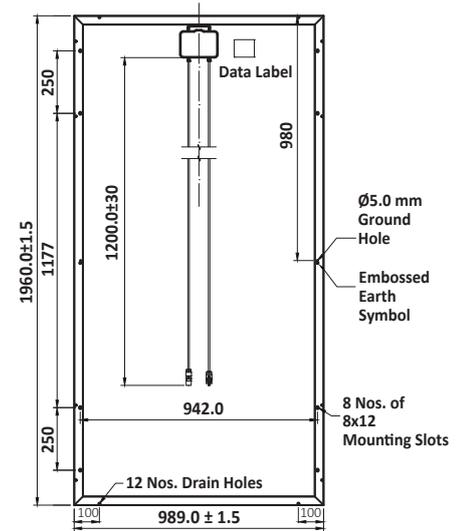
RenewSys DESERV 3S6 72 Cells

PV Module dimensions (mm)

Performance under standard test conditions (1000w/m² am 1.5, 25° C)

DESERV 3S6 (Wp)	340	345	350	355	360	365	370
Rated power (Pmax), Wp	340	345	350	355	360	365	370
Max Power Voltage (Vmp), V	38.6	38.82	39.05	39.28	39.5	39.72	39.94
Max Power Current (Imp), A	08.82	08.9	08.98	09.06	09.14	09.21	09.28
Open Circuit Voltage (Voc), V	47.32	47.62	47.92	48.22	48.52	48.82	49.12
Short Circuit Current (Isc), A	09.44	09.50	09.56	09.62	09.68	09.74	09.80
Module efficiency (%)	17.53	17.79	18.05	18.31	18.57	18.82	19.08

NOCT (Wp)*	340	345	350	355	360	365	370
Pmax (W)	253.03	256.75	260.48	264.20	267.92	271.64	275.36
Max Power Voltage Vmp (V)	35.30	35.50	35.71	35.92	36.12	36.32	36.52
Max Power Current Imp (A)	07.18	07.24	07.31	07.37	07.44	07.50	07.55
Open Circuit Voltage Voc (V)	43.99	44.27	44.55	44.83	45.11	45.39	45.67
Short Circuit Current Isc (A)	07.71	07.76	07.81	07.86	07.91	07.96	08.01



Operating Conditions

Ambient temperature, °C	- 40 to + 85
Maximum system voltage, Vdc	1000
Hail impact velocity, m/sec	23
Maximum surface load capacity, Pa	5400

Cell Temperature Coefficients

Open circuit voltage	- 0.32 % / °C
Short circuit current	+ 0.049 % / °C
Nominal power	- 0.41 % / °C

Physical Parameters

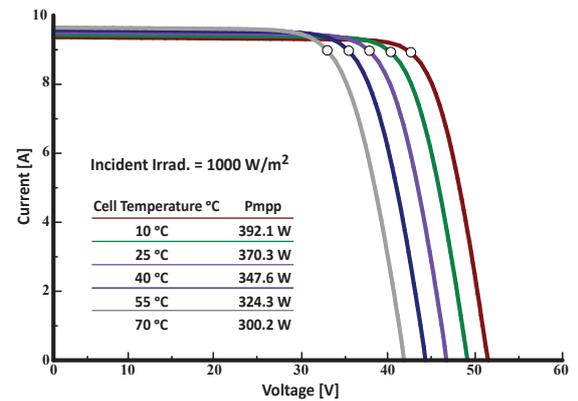
No. of cells	72
Module dimensions (mm)	1960 x 989 (± 1.5)
Module thickness (mm)	40
Approximate weight (kg)	21.6

Mechanical Characteristics

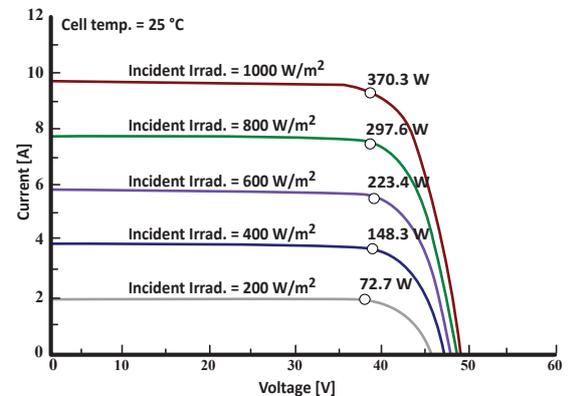
Cable	NO. 12 AWG, 4mm ² (1.2m Standard)
PV connectors	MC4 Compatible (MC4/TYCO on request)
Frame	Anodized Aluminum Alloy
Junction box	IP67 Junction Box With 4 Rail
Glass	3.2mm Thick Low Iron Tempered

*NOCT at 45 ± 2° C @ irradiance 800 W/m²

I-V Curves Cell temperature sensitivity chart



I-V Curves Incident irradiance sensitivity chart



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Factory

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