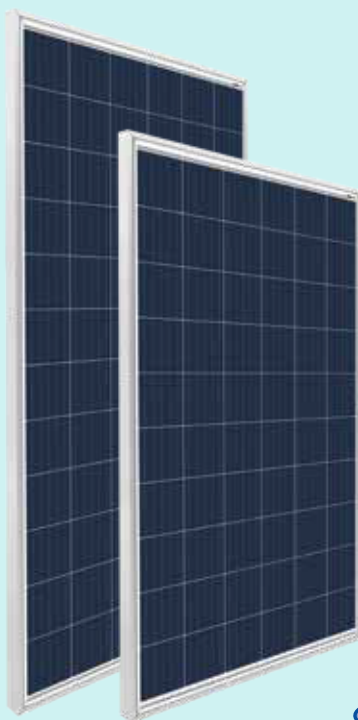


Multi

Mono

Specialised



DESERV[®]

*Module images for representation purpose only

Solar PV Module DESERV 3M6 or 3M6H

Series G1

60 Cells: 270 Wp - 285 Wp

72 Cells: 325 Wp - 345 Wp

The ideal PV Module for all applications that use the highest quality of PV Cells, in-house Encapsulants, and Backsheets.

Certifications:

- IEC Certified: 61215, 61730
- IEC TS 62804, 61853
- IEC 61701
- IEC 62716
- IEC 60068-2-68
- CAN/CSA: 61730
- UL Certified 1703
- DEWA Listed
- BIS Number R-63000760
- MCS Approved
- Independently audited by SOLARBUYER
- IMS Certified Company - ISO 9001: 2015 & OHSAS 18001:2007
- EMS - ISO 14001: 2015



SAFE



IP67 Junction box



10 years of product warranty



25 Years of limited power output warranty



1000 Vdc or 1500 Vdc



RELIABLE



Extreme weather resilience



Windspeed - 2400 Pa,
Snowload - 5400 Pa



Highly reliable anti-reflective
coated glass



HIGH PERFORMANCE



PID resistant



Low light performance



High power density

Ideal for:



Residential



Commercial



Utility



Off-grid

Registered Office

98, Jolly Maker Chambers No.2,
225 Nariman Point,
Mumbai - 400 021,
Maharashtra, India

Factory

Plot No.6, Survey # 114/P,
Srinagar Village, Maheshwaram
Mandal, Dist - Rangareddy,
Hyderabad - 501 359, Telangana, India

- Please refer to the installation manual for detailed information.

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

DESERV 3M6 or 3M6H (Wp)	60 Cells				72 Cells				
	270	275	280	285	325	330	335	340	345
Rated power (P _{max}), Wp	270	275	280	285	325	330	335	340	345
Max. power voltage (V _{mp}), V	30.95	31.16	31.37	31.58	37.41	37.67	37.90	38.14	38.21
Max. power current (I _{mp}), A	08.74	08.84	08.94	09.04	08.70	08.79	08.85	08.92	09.07
Open circuit voltage (V _{oc}), V	38.70	38.97	39.24	39.51	46.21	46.24	46.27	46.30	46.33
Short circuit current (I _{sc}), A	09.13	09.14	09.23	09.32	09.19	09.31	09.41	09.54	09.68
Module efficiency (%)	16.23	16.53	16.83	17.13	16.37	16.62	16.87	17.12	17.38
NOCT (Wp) at 45 ±2 °C @800 W/m²									
P _{max} (W)	200.94	204.66	208.38	212.11	241.88	245.60	249.32	253.04	256.76
Max. power voltage (V _{mp}), V	28.31	28.50	28.69	28.88	34.21	34.45	34.66	34.88	34.95
Max. power current (I _{mp}), A	07.11	7.20	07.28	07.36	07.08	07.15	07.20	07.26	07.38
Open circuit voltage (V _{oc}), V	35.98	36.24	36.49	36.74	42.97	43.00	43.02	43.05	43.08
Short circuit current (I _{sc}), A	07.46	07.47	07.54	07.62	07.51	07.61	07.69	07.79	07.91

Mechanical Characteristics	60 & 72
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 (3 bypass diodes of 15 A)
Glass	3.2mm Thick low iron tempered (4mm available on request)

Operating Conditions	60 & 72
Ambient temperature, °C	-40 to +85
Max. system voltage, V _{dc}	1000 or 1500
Hail impact velocity, m/sec	23
Max. surface load capacity, Pa	5400
Max. wind speed capacity, Pa	2400

Cell Temperature Coefficient	60 & 72
Open circuit voltage	-0.30 % / °C
Short circuit current	+0.05 % / °C
Nominal power	-0.40 % / °C

Physical Parameters	270 Wp - 285 Wp	325 Wp - 345 Wp
No. of cells	60	72
Module dimension (mm)	1663 X 1000 (± 2)	1985 X 1000 (± 2)
Module thickness (mm)	35	35
Approximate weight (kg)	18.2	21.8
Packaging Configuration		
No. of Modules/pallet	29	29

Module Dimension Diagrams (mm)

