

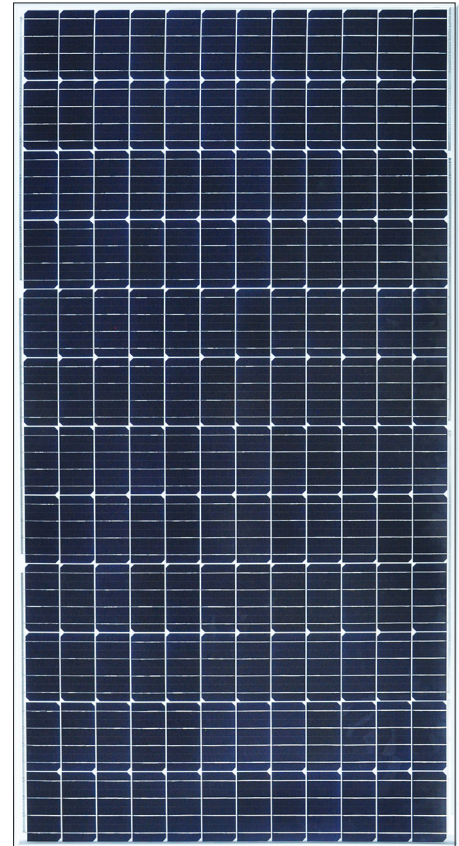


C144 - 355Wp & 380Wp

## GALACTIC

DESERV C144 Series is offered with power ratings of 355 Wp & 380 Wp (PERC Module).

These high performance Galactic-3 Series, 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 Vdc



PID resistant

25  
YEARS

Limited power output warranty

10  
YEARS

Product warranty



Independently Audited by



CONSERV®  
E 360 - POE  
Encapsulant



**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.

## PERFORMANCE UNDER STANDARD TEST CONDITIONS (1000W/M<sup>2</sup> AM 1.5, 25°C)

	DESERV C144-355	DESERV C144-380
Rated power (Pmax), Wp	355	380
Max power voltage (Vmp), V	38.75	39.40
Max power current (Imp), A	9.20	9.70
Open circuit voltage (Voc), V	45.85	46.70
Short circuit current (Isc), A	9.73	10.08
Module efficiency (%)	17.98	19.24

## Operating Conditions

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

## Cell Temperature Coefficients

Open circuit voltage	- 0.323 % / °C	- 0.32 % / °C
Short circuit current	+ 0.047 % / °C	+ 0.05 % / °C
Nominal power	- 0.414 % / °C	- 0.37 % / °C

## Physical Parameters

No. of cells	144
Module dimensions (mm)	1021X1934
Module thickness (mm)	40
Approximate weight (kg)	21.5

## Mechanical Characteristics

Cable	NO. 12 AWG, 4mm <sup>2</sup>
PV connectors	MC4/MC4 (Compatible)/TYCO
Frame	Silver Anodized Aluminum Alloy
Junction box	IP67 Junction Box with 4 Rail/Split Junction Box with 3 bypass diodes
Glass	3.2mm Thick Low Iron Tempered

## NOCT

	DESERV C144-355	DESERV C144-380
Rated power (Pmax), Wp	264.20	282.81
Max power voltage (Vmp), V	35.44	36.03
Max power current (Imp), A	7.49	7.90
Open circuit voltage (Voc), V	42.63	43.42
Short circuit current (Isc), A	7.95	8.23

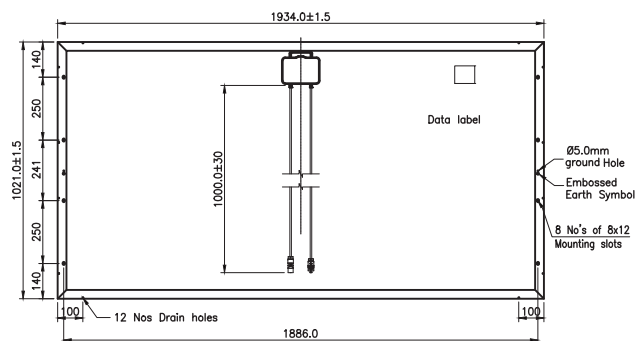
## Registered Office

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Tel.: + 91 22 30040500

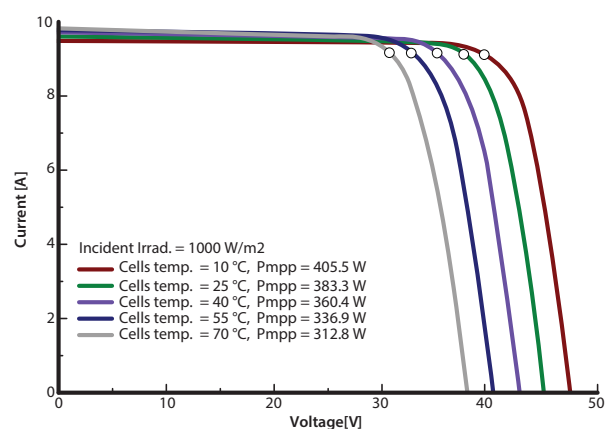
## Factory

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## 144 Cells PV Solar Module Dimensions



## RenewSys DESERV C144 Galactic-3: PV Modules



## RenewSys DESERV C144 Galactic-3: PV Modules

