

Specification :

Cells Per Unit	6
Voltage Per Unit	12
Capacity @ C10 @ 10hr-rate to 1.75V per cell @27°C	270 AH
Net Weight (+/-1 Kg)	71.2 KG
Gross Weight (+/-1.5 Kg)	72 KG
Operating Temperature Range	Discharge: 5°C ~ 50°C Charge: 5°C ~ 50°C Storage: 5°C ~ 50°C
Normal Operating Temperature Range	27±2°C
Float Charging Voltage	13.6 to 13.8 VDC/unit Average at 27°C
Recommended Maximum Charging Current	10% of Battery Rated Capacity
Equilization and Cycle Service	14.6 to 14.8 VDC/unit Average at 27°C
Self Discharge	Genus Lead Storage batteries can be stored for 3 months at 27°C. Self-discharge ratio less than 1% per month at 27°C. Please charge batterie before using.
Terminal	Positive & Negative Terminal (Lead Alloy)
Container Material	PPCP

(12V 270AH@C10)



Battery Testing Parameter :

Backup Time (On 400W with Inverter 900VA)	300 minute @ 27°C to 10.50V
Rated Capacity at 7.5A@C20	290Ah @ 27°C to 10.50V
Rated Capacity at 13.2A@C10	270Ah @ 27°C to 10.50V
Rated Capacity at 21.99A@C5	250Ah @ 27°C to 10.50V
Rated Capacity at 31.55A@C3	220Ah @ 27°C to 10.50V

Dimensions : 510 X 193 X 410 (MM)

Industrial Compliance :

ISO 9001:2015

ISO 14001:2015

ISO 27001:2013

ISO 45001:2018

ISO 50001:2018

State of Charge Measure of Open-circuit Voltage @ 27°C

State of Charge	Specific Gravity	Voltage
100%	1.255	12.6
75%	1.24	12.51
50%	1.235	12.48
25%	1.225	12.42
0%	1.215	12.36

**MODERN
TERMINAL DESIGN**



Terminal Configuration :-

Terminal Type :- L

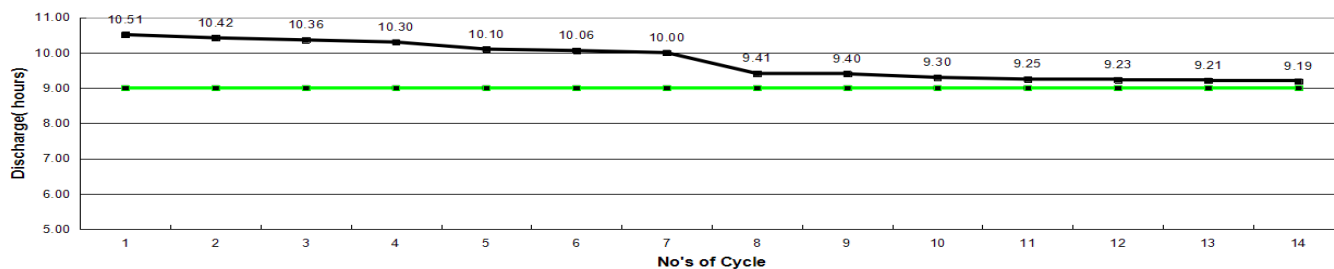
Terminal Height :- 31 mm

Torque Value :- 8-10 N.m

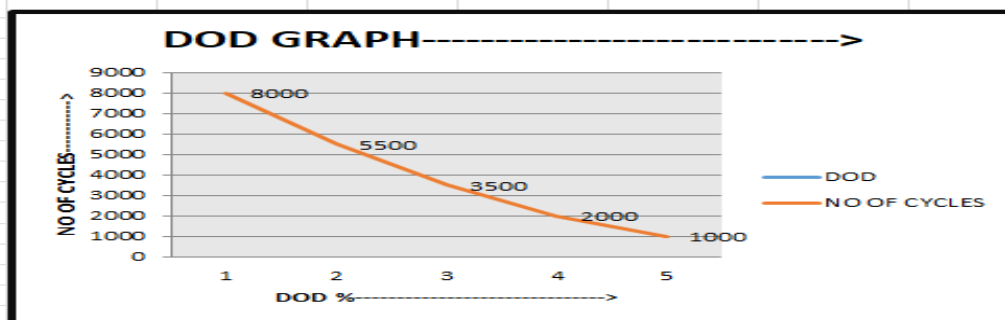
Bolt Type :- M8

LIFE CYCLE TEST CHARACTERISTICS :

Life Cycle Chart



DOD V/S LIFE CYCLE :



Genus
energizing lives
GENUS INNOVATION LIMITED
(A Kailash Group Company)

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