Tall Tubular Battery

RTU12-100
(12V 100AH)

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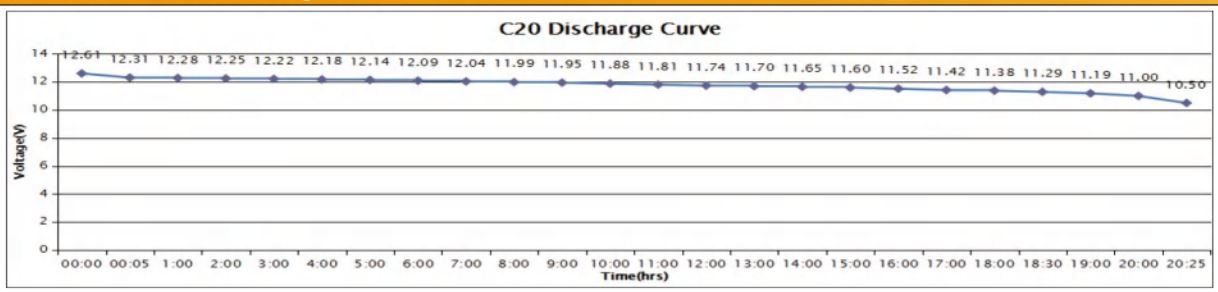
SPECIFICATION

Cells Per Unit	6
Voltage Per Unit	12
Capacity@ C20 @ 20hr-rate to 1.75V per cell@27°C	100AH
Dimension	510*190*410mm
Net Weight(+/-1 Kg)	51Kg
Gross Weight(+/-1.5 Kg)	52Kg
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	Restar Lead Storage batteries can be stored for 3 months 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

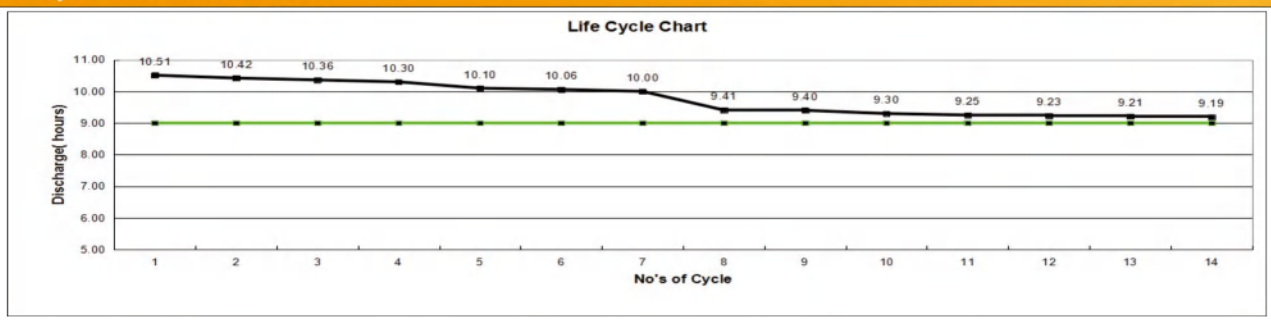
Battery Testing Parameter

		Industrial Compliance
Backup Time (On 400W with Inverter 900VA)	105 minute @ 27°C to 10.50V	ISO 9001:2015
Rated Capacity at 5A@C20	100Ah @ 27°C to 10.50V	ISO 14001:2015
Rated Capacity at 8.8A@C10	89.40Ah @ 27°C to 10.50V	ISO 27001:2013
Rated Capacity at 14.66@C5	74.91Ah @ 27°C to 10.50V	ISO 45001:2018
Rated Capacity at 21.03A@C3	64.99Ah @ 27°C to 10.50V	ISO 50001:2018

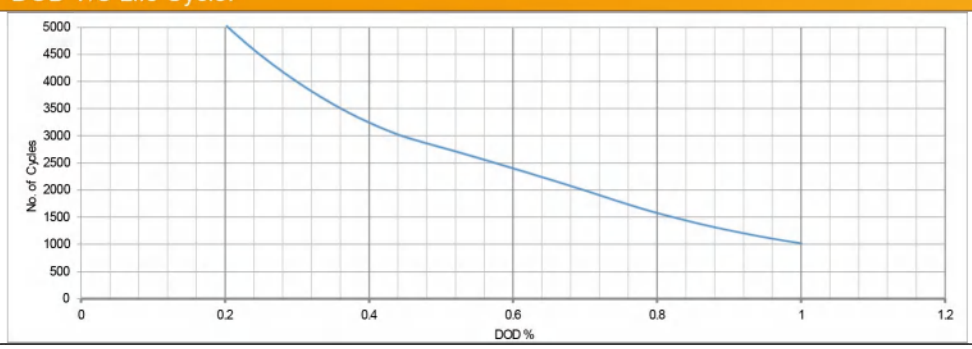
Constant Current C20-Discharge Characteristics



Life Cycle Test Characteristics:



DOD V/S Life Cycle:



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Tall Tubular Battery

RTU12-150

(12V 150AH)

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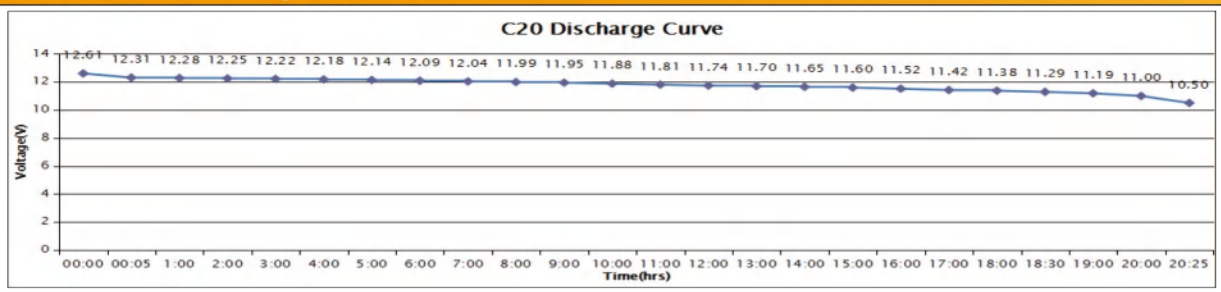
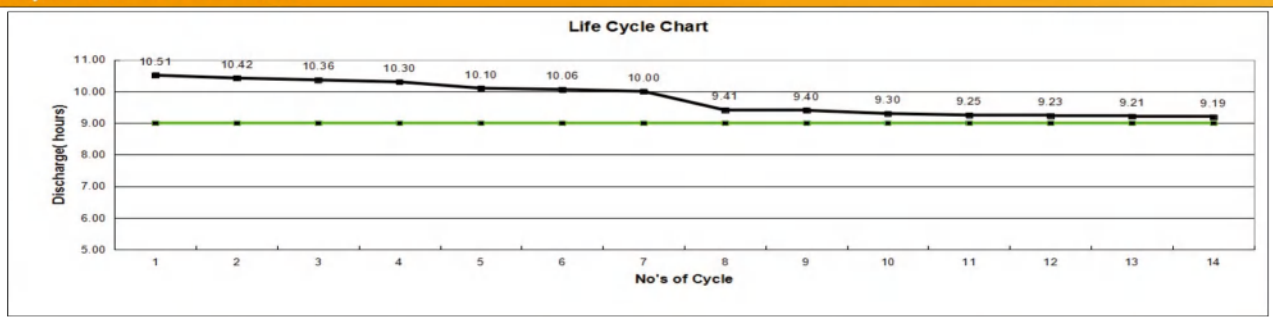
SPECIFICATION	
Cells Per Unit	6
Voltage Per Unit	12
Capacity@ C20 @ 20hr-rate to 1.75V per cell@27°C	150AH
Dimension	510*190*410mm
Net Weight(+/-1 Kg)	55Kg
Gross Weight(+/-1.5 Kg)	56Kg
Operating Temperature Range	Discharge: 5°C~ 50°C Charge: 5°C~ 50°C Storage: 5°C~ 50°C
Normal Operating Temperature Range	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	Restar Lead Storage batteries can be stored for 3 months 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

Battery Testing Parameter		Industrial Compliance
Backup Time (On 400W with Inverter 900VA)	170 minute @ 27°C to 10.50V	ISO 9001:2015
Rated Capacity at 7.5A@C20	150Ah @ 27°C to 10.50V	ISO 14001:2015
Rated Capacity at 13.2A@C10	136Ah @ 27°C to 10.50V	ISO 27001:2013
Rated Capacity at 21.99@C5	113Ah @ 27°C to 10.50V	ISO 45001:2018
Rated Capacity at 31.55A@C3	98Ah @ 27°C to 10.50V	ISO 50001:2018

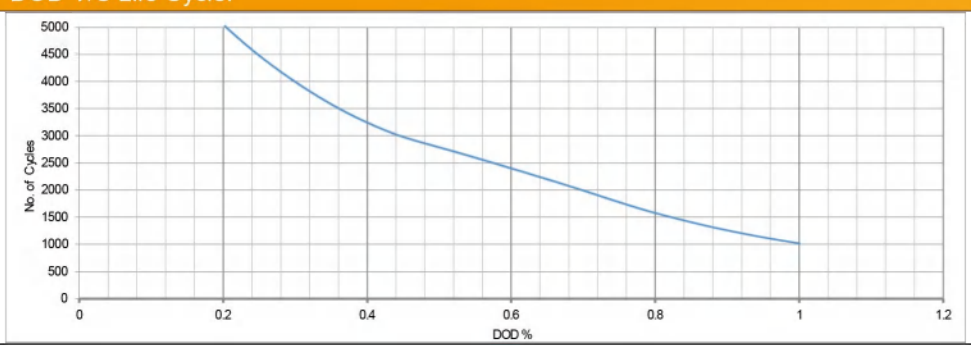
Constant Current C20-Discharge Characteristics



Life Cycle Test Characteristics:



DOD V/S Life Cycle:



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Tall Tubular Battery

RTU12-200
(12V 200AH)

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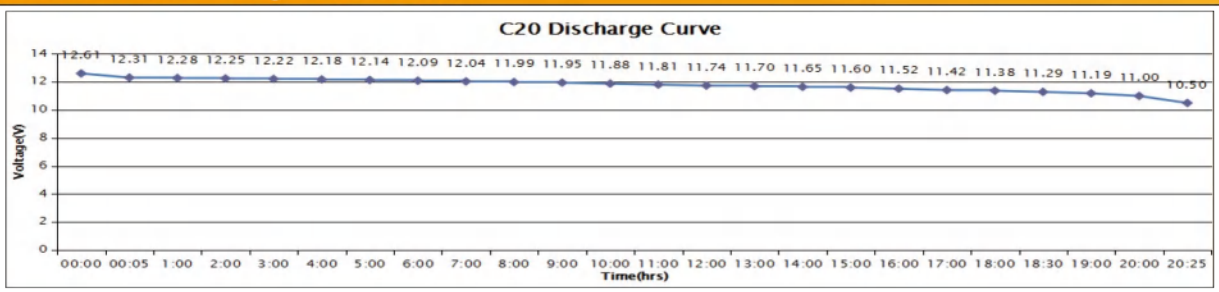
SPECIFICATION

Cells Per Unit	6
Voltage Per Unit	12
Capacity@ C20 @ 20hr-rate to 1.75V per cell@27°C	200AH
Dimension	510*190*410mm
Net Weight(+/-1 Kg)	61Kg
Gross Weight(+/-1.5 Kg)	62Kg
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	Restar Lead Storage batteries can be stored for 3 months 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

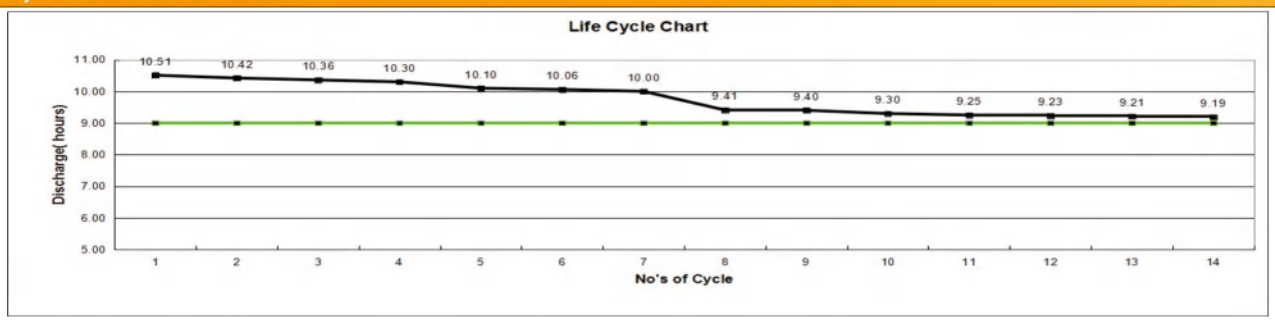
Battery Testing Parameter

		Industrial Compliance
Backup Time (On 400W with Inverter 900VA)	240 minute @ 27°C to 10.50V	ISO 9001:2015
Rated Capacity at 10A@C20	200Ah @ 27°C to 10.50V	ISO 14001:2015
Rated Capacity at 17.6A@C10	178Ah @ 27°C to 10.50V	ISO 27001:2013
Rated Capacity at 29.32@C5	148Ah @ 27°C to 10.50V	ISO 45001:2018
Rated Capacity at 42.06A@C3	128Ah @ 27°C to 10.50V	ISO 50001:2018

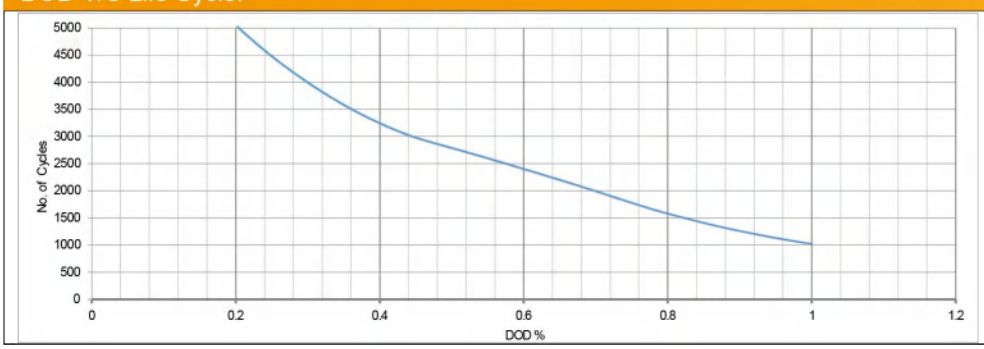
Constant Current C20-Discharge Characteristics



Life Cycle Test Characteristics:



DOD V/S Life Cycle:



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Tall Tubular Battery

RTU12-220

(12V 220AH)

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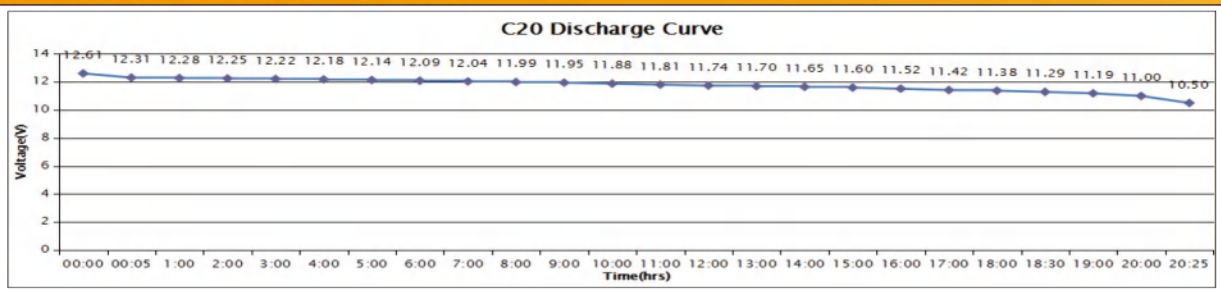
SPECIFICATION

Cells Per Unit	6
Voltage Per Unit	12
Capacity@ C20 @ 20hr-rate to 1.75V per cell@27°C	220AH
Dimension	510*190*410mm
Net Weight(+/-1 Kg)	63Kg
Gross Weight(+/-1.5 Kg)	64Kg
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	Restar Lead Storage batteries can be stored for 3 months 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

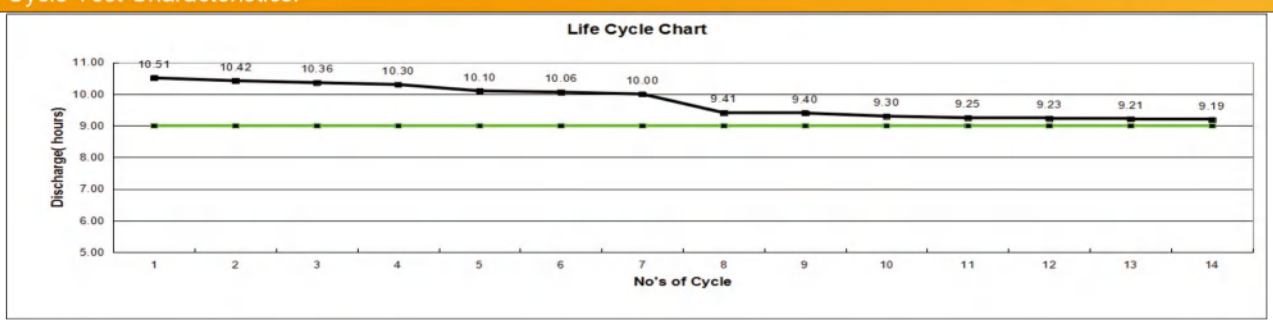
Battery Testing Parameter

		Industrial Compliance
Backup Time (On 400W with Inverter 900VA)	250 minute @ 27°C to 10.50V	ISO 9001:2015
Rated Capacity at 11A@C20	220Ah @ 27°C to 10.50V	ISO 14001:2015
Rated Capacity at 19.36A@C10	199Ah @ 27°C to 10.50V	ISO 27001:2013
Rated Capacity at 32.25@C5	165Ah @27°C to 10.50V	ISO 45001:2018
Rated Capacity at 46.27A@C3	142Ah @ 27°C to 10.50V	ISO 50001:2018

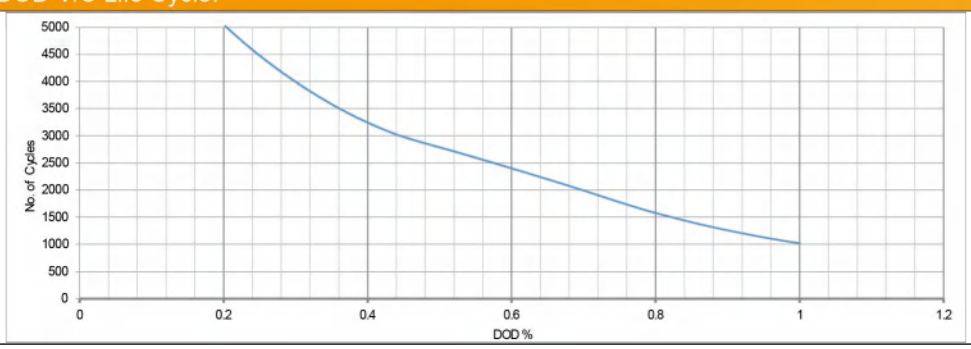
Constant Current C20-Discharge Characteristics



Life Cycle Test Characteristics:



DOD V/S Life Cycle:



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