

SU=mak[®] SOLAR

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TALL TUBULAR BATTERY



MADE IN INDIA

ENERGY UNLIMITED++

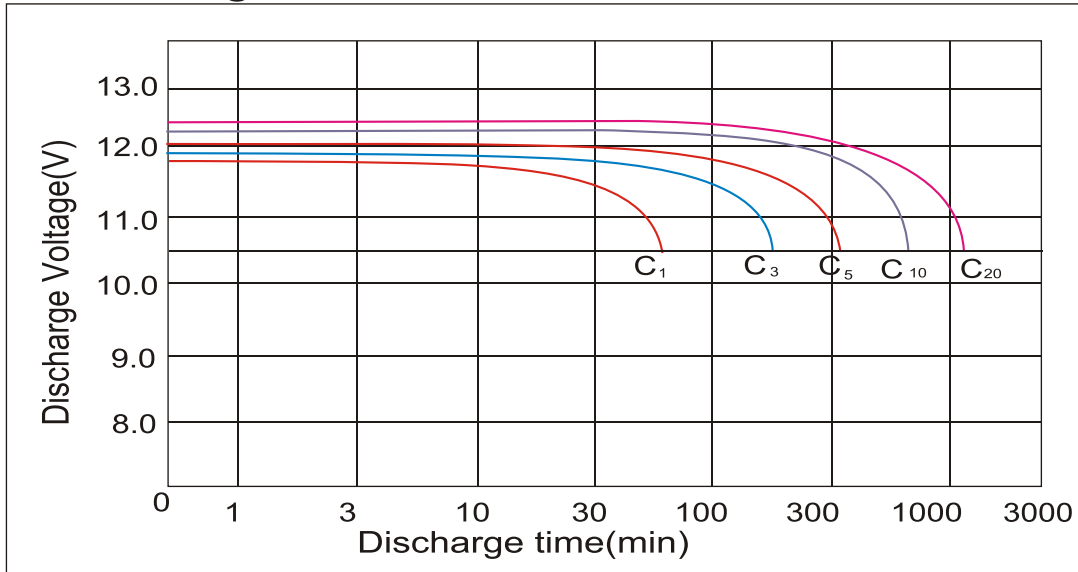
Low Maintenance Fast Charge Long Life

MADE IN INDIA

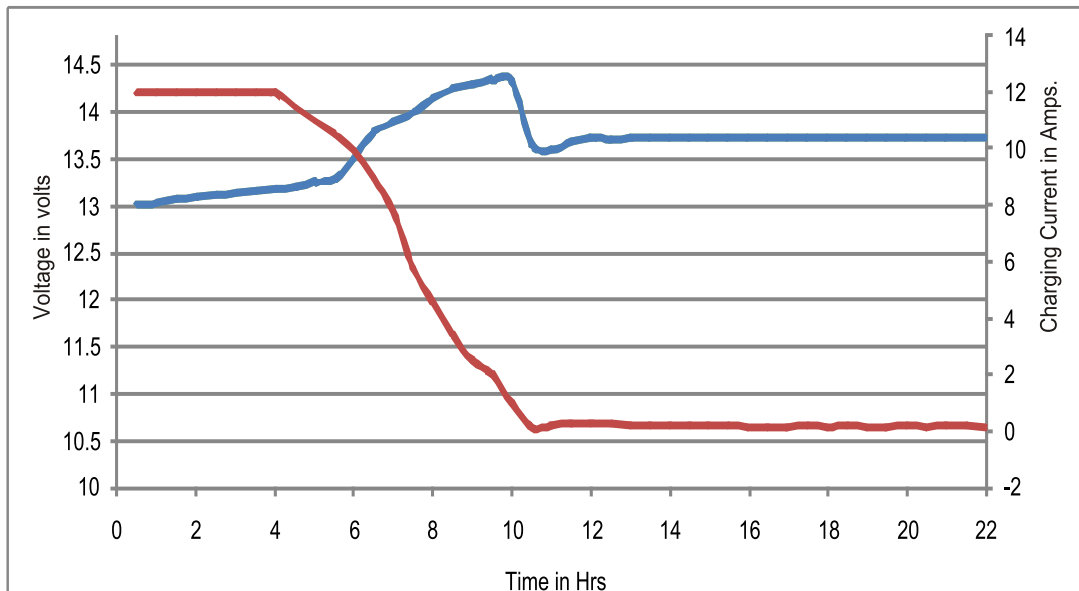


DISCHARGING CHARACTERISTICS

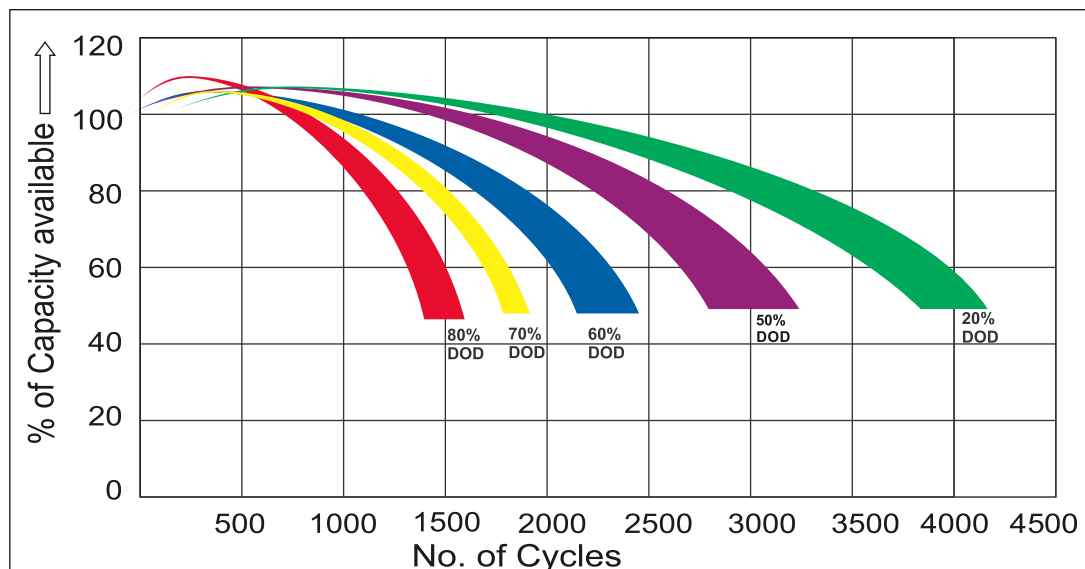
at various rates @27°C



CHARGING CHARACTERISTICS



CYCLE LIFE@ 27°C



Technical Specification

BATTERY TYPE	"VERY LOW MAINTENANCE LEAD ACID TUBULAR BATTERY"
AH CAPACITY AT C5	200AH
APPLICATIONS	"SOLAR, INVERTER & DEEP DISCHARGE APPLICATIONS"
MAX LENGTH (IN MM)	505
MAX WIDTH (IN MM)	192
MAY HEIGHT UPTO TERMINAL (IN MM)"	410
FILLED WEIGHT (IN KG)	70.0
GROSS WEIGHT (IN KG)	71.00
ELECTROLYTE GRAVITY	1240±10 AT 27°C
CHARGING CURRENT	8- 12% OF RATED CAPACITY
CUTT OFF VOLTAGE	13.8V- 14.8V
CYCLIC LIFE @ 80% DOD	MORE THAN 1500 CYCLES
CYCLIC LIFE @ 50% DOD	MORE THAN 3000 CYCLES
AMPERE HOUR EFFICIENCY	MORE THAN 95%
WATT HOUR EFFICIENCY	MORE THAN 80%
RETENTION CAPACITY	LESS THAN 3% SELF DISCHARGE ON 28 DAYS PERIOD
ENDURANCE RESULTS	AS PER BIS 13369:1992
NO.OF POSITIVE PLATE/CELL	3
POSITIVE PLATE TYPE	TUBULAR CASTED BY HIGH PRESSURE DYE CASTING MACHINE"
TUBULAR BAG INNER DIAMETER	8MM
POSITIVE PLATE ALLOY TYPE	SB / SE 3.1% HIGH ANTIMONY SELENIUM ALLOY
NO.OF NEGATIVE PLATE/CELL	4
NEGATIVE PLATE TYPE	PASTED
NEGATIVE PLATE ALLOY	SB / SE 2.5% ANTIMONY SELENIUM ALLOY

IMPORTANT NOTES: TESTING AS PER BIS STANDARD 13369: 1992 TOLERANCE: WEIGHT ± 5%, DIMENSION ±SMM

Technical Specification

BATTERY TYPE	"VERY LOW MAINTENANCE LEAD ACID TUBULAR BATTERY"
AH CAPACITY AT C5	220AH
APPLICATIONS	"SOLAR, INVERTER & DEEP DISCHARGE APPLICATIONS"
MAX LENGTH (IN MM)	505
MAX WIDTH (IN MM)	192
MAY HEIGHT UPTO TERMINAL (IN MM)"	410
FILLED WEIGHT (IN KG)	73.00
GROSS WEIGHT (IN KG)	74.00
ELECTROLYTE GRAVITY	1240±10 AT 27°C
CHARGING CURRENT	8- 12% OF RATED CAPACITY
CUTT OFF VOLTAGE	13.8V- 14.8V
CYCLIC LIFE @ 80% DOD	MORE THAN 1500 CYCLES
CYCLIC LIFE @ 50% DOD	MORE THAN 3000 CYCLES
AMPERE HOUR EFFICIENCY	MORE THAN 95%
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NO.OF NEGATIVE PLATE/CELL	4
NEGATIVE PLATE TYPE	PASTED
NEGATIVE PLATE ALLOY	SB / SE 2.5% ANTIMONY SELENIUM ALLOY

IMPORTANT NOTES: TESTING AS PER BIS STANDARD 13369: 1992 TOLERANCE: WEIGHT ± 5%, DIMENSION ±SMM

