ROBUSTE LEAD ACID TUBULAR BATTERY

C10 | 220 AH | 12 V

LONG LIFE EXTRA BACKUP

PPCE Container |
Tubular Positive Plates |
Pasted Negative Plates |
High Porosity Envelope Separators |
Microporous Ceramic Vent Plug |
High Tensile, Acid Resistant Polyester Gauntlets |

PRODUCT INFORMATION

Robuste Tubular Batteries have the spines - the positive plate support, cast at high pressure (100 Bar) in an imported HADI machine, thus ensuring a void-free structure that protects the plate support from anodic corrosion. This procedure leads to higher reliability and longer life. **Robuste** tubular plates are cast with low antimony content reducing the topping-up frequency, making the battery low maintenance type. It also keeps the float charging current at a lower value, thus minimizing the total energy requirement needed to keep the battery in charged condition during standby float application.

BENEFITS

- Especially designed for arduous SPV application
- Manufacturing with tubular technology which stands for reliable and consistent performance
- Designed to operate in partial state of change condition
- Ideally designed for cyclic application
- Superior voltage and energy output profile
- Excellent charging efficiency:
  - AH efficiency – In excess of 90%
  - WH efficiency – In excess of 80%
- Service life comparable with the best of the international brands.
- Designed cycle life at C10 discharge at 25°C
  - 1500 cycles at 80% DOD
  - 3000 cycles at 50% DOD
  - 5000 cycles at 20% DOD
- Supplied in factory charged condition – ensures optimal quality and ready to use
- Ultra-low maintenance
- Low rate of self-discharge
- 6V mono-blocks are supplied with MS Cabinet (fitted suitable exhaust system) or MS Stand (knock condition) in 48V configuration – ideally designed for outdoor application

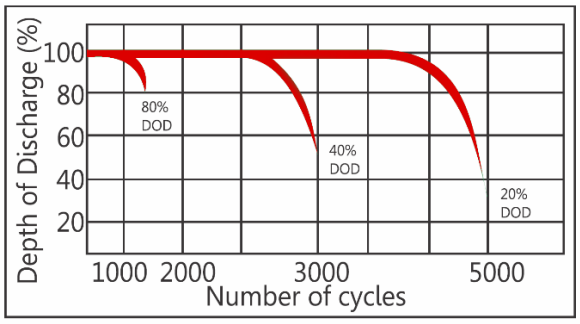
CHARGING CHARACTERISTICS OF SOLAR BATTERIES

Model of Operation	Voltage setting per mono-block unit for ambient temperature 25-30°C		Current Settings
	12V Mono-Block	6V Mono-Block	Maximum – 20% of battery's Ah capacity Maximum – 0% of battery's Ah capacity
Float Voltage	13.7V ± 0.1V	6.85V ± 0.1V	
Bulk Voltage	14.5V ± 0.1V	7.25V ± 0.1V	
Low Voltage Disconnect	11.1V ± 0.1V	5.55V ± 0.1V	

TECHNICAL DATA

Battery Type	**RTB 24000 (12V 220Ah C10)**
Capacity	220 Ah
Weight with Acid + Water	64.0 Kg ± 1.5%
Cell Layout	L
Terminal Type	R-Type
Electrolyte Volume	22.5 Liters
Dimensions (L x W x H mm)	510 x 210 x 465 mm

CYCLE LIFE



APPLICATION




FEATURES

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ROBUSTE ENERGY