

Tubular Gel SERIES TUBULAR GEL VRLA BATTERY



GTP : 12V-200AH TUBULAR GEL VRLA BATTERY

20.05.20

Sl.No	Description	Product Data	
1	Model	Leader TGEL SQ 12-200	
2	Rated Capacity at C/10 at 27°C upto 10.5 EBV	200 Ah	
	Capacity at End of life	160 Ah	
3	No of Batteries	1	
4	Nominal Voltage (V)	12	
5	Electrolyte	Immobilized H ₂ SO ₄ with added silica Gel	
6	Performance (At 27°C):		
	Rate of Discharge	EBV (V)	Discharge Current (A)
	10-Hour Rate	10.50 EBV	20.00
	5-Hour Rate		33.30
		Backup Time	
		10-Hours	
		5-Hours	
7	Ampere Hour Efficiency	> 90%	
8	Watt Hour Efficiency	> 85%	
9	Type of Positive Plate	Tubular	
10	Type of Negative Plate	Flat Pasted	
11	Type of Separator material	Micro Porous Synthetic	
12	Container Material	PPCP	
13	Terminal	Lead Terminals for M8 Size Bolt	
14	Recommended charging method	Batteries shall be charged in constant potential mode with current limit (0.25C)	
15	Recommended Storage period before freshening charge at 27°C.	12 months from the date of factory last charge	
16	Maximum allowable discharge current (AMPS)	600 Amps	
17	Maximum allowable charging current (AMPS)	50 Amps	
18	Charging voltage @ 27°C Float Charge (Volts)	13.98 - 14.1V	
19	Operating Temperature Range	-20°C - +55°C	
20	Cyclic Service Life (@ 27 °C):		
		At 20% D.O.D	4000 Cycles
		At 50% D.O.D	2500 Cycles
		At 80% D.O.D	1500 Cycles
21	Self-discharge	<5% for 28 Days at 27°C	
22	Product Performance Conforms to	Product Performance confirms to IS 15549	
23	12V Battery Dimensions in mm ± 5 mm (L X W X H)	502 x 189 x 390	
24	Battery Weight ± 5 %	70 kgs.	

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