



# INDUSTRIAL TUBE POWER

## The Amazing Tubular



INDUSTRIAL

Attractive  
New  
Looks

Presenting **SF TUBEPOWER** in an attractive new design, the **amazing tubular** battery is designed specially for your UPS & GENSET.



### FEATURES

- Ironclad® Tubular Technology ● Minimum maintenance ● Electrolyte level indicator ● High Acid volume/Ah\* ● Deep cycle design\*
- Abuse resistant ● Tower type design ● Common Side Venting

\*Note: For 6STP 130 in Tall Container

### ADVANTAGES

- ! Very long life ! Topping-up once/twice a year ! User friendly ! Acid volume per Ah is 30% more than that of ordinary tubular batteries. It acts as a coolant and it also ensures minimum maintenance ! Suited for use in areas of frequent power cuts (800 to 1000 cycles of deep discharge as against 300/400 cycles of other batteries) ! Can withstand overcharge better ! Occupies less floor space, totally new look ! Less pollution, environment friendly

### APPLICATION

- UPS ● Generator Starting

### CAPACITY RANGE

Battery Type	Capacity in Ampere-hour when discharged at 27°C celsius for				Overall Dimensions		
	10	5	3	1	L mm±3	W mm±3	H mm±3
Hours	10	5	3	1	-	-	-
Final v.p.c.	1.75	1.75	1.75	1.75	-	-	-
6STP 40	40.00	33.20	28.70	20.00	260	173	240
6STP 70	70.00	58.00	50.00	35.00	506	220	257
6STP 100	100.00	83.00	71.70	50.00	506	220	257
6STP 130	130.00	108.00	93.00	65.00	500	187	421

### SF TUBE POWER RANGE OF TUBULAR MONOBLOC BATTERIES

Type	Capacity in Ah at 27°C when discharged for		Charge Current (A)		Minimum Ah input during initial charge	Approx. Battery Weight		Approx. acid qty (1.220 Sp. Gr.) Litres/Cell	Constant Potential Limiting Current (A)	Trickle Charge Current (mA)	
	10 Hr.	Nominal Monobloc Unit Voltage (V)	Starting	Finishing		Without acid (Kg) ±5%	Filled with acid (Kg) ±5%			Min	Max
6STP 40	40	12	5.00	2.50	180	12.00	17.90	0.79	10.00	40	160
6STP 70	70	12	8.40	4.20	315	23.00	36.00	1.78	17.50	70	280
6STP 100	100	12	12.00	6.00	450	29.00	40.50	1.50	25.00	100	400
6STP 130	130	12	16.00	8.00	585	35.90	56.90	3.50	32.50	130	520

- For Constant potential charging higher rates are permissible for maximum charges setting of 2.40 volts per cell
- Trickle charge voltage should be adjusted to 2.25 volts per cell

### INITIAL CHARGING INSTRUCTIONS

- Fill up to required level with battery grade dilute sulphuric acid
- Filling specific gravity : 1.220 ± 0.005 at 27°C
- Rest period : 12 hours
- Charge at 12% of C10 capacity to 2.35 vpc and then at 6% of C10 capacity to 2.75 vpc Minimum Ah input : 450% of C10 capacity for example for 6STP 100 the Minimum Ah input during initial charge should be 450 Ah.
- All parameters for 12 Volts Nominal Monobloc Units.

### Statutory Notice:

All batteries contain lead, which is harmful for humans and environment. As per statutory requirements, the used battery must be returned to the authorized dealer, manufacturer or at the designated collection centres.



**TUBE POWER** is a product of ISO 9001 and ISO 14001 certified factories