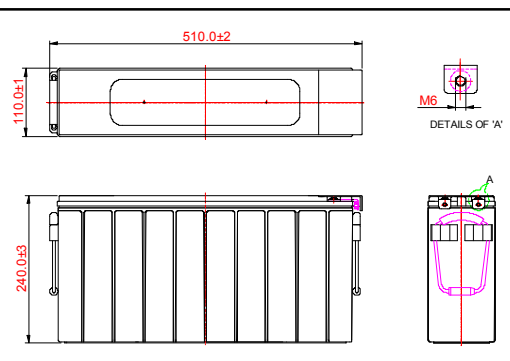


TECHNICAL SPECIFICATION		Model: <b>DS 12-810FT</b>	
1	Battery type	Pure Lead Valve Regulated Lead Acid High Performance Battery	
2	Dimensions in mm	Length: 510, Width: 110, Height: 240	
		Terminal: M6 Screw type	
		 <p style="text-align: center;">All Dimensions are in mm</p>	
3	Weight ± 5% (approx.)	32 Kg	
4	Capacity at 10 hr rate @ 25° C to 1.80V (10A)	100 Ah	
	Constant Power @ 25° C to 1.67V	1min rate	1200 Watts/cell
		5min rate	810 Watts/cell
		10min rate	520 Watts/cell
		15min rate	394 Watts/cell
5	Internal Resistance @ 25°C as per IEC 60896-21 & 22 (mΩ)	3.5	
6	Short Circuit current (KA)	3.42	
7	Self discharge @ 25° C	≤ 2.0 % per month	
8	Construction	Type of plate	Thin, Flat pasted
		Grid material	Pure Lead
		Type of separator	Absorptive Glass Mat (AGM)
		Material of container & lid	ABS - FR, UL 94 V0
		Electrolyte	Dilute sulphuric acid in totally absorbed condition
9	Recommended Charge settings @ 25° C		
	Standby application	Dual setting :- Boost: 2.4 VPC; Float: 2.27 VPC	
		Single setting :- 2.28 VPC	
	Cyclic application	2.4 VPC	
	Current Limit	10 % of rated capacity (Minimum), i.e. 10.0 Amps	
Temperature compensation	3 mV/cell/1°C		
10	Conformance Standard	IEC 60896-21&22	