



LOW MAINTENANCE
TUBULAR
BATTERY FOR
SOLAR PV
APPLICATION





GENERAL TECHNICAL PARTICULARS

Sl. No.	PARTICULARS	12 V - 150 AH BATTERY
1	Battery type	Low Maintenance Tubular battery
2	Model Offered	6LMS150L
3	Battery Dimensions (L X W X H) in mm	500 x 187 x 418 [+ 5]
4	Battery Weight	66.0 Kg. ± 5%
5	Initial Charge	Factory charged & Ready to use condition
6	Applicable Standards	Confirms to IS-13369
7	Capacity rated at	10 hour discharge rate up to 10.80V at 27 deg. C
8	AH Efficiency	Min 90%
9	WH Efficiency	Min 80%
10	Design cycle life	1500 cycles at 80% DOD at 27 deg. C @ C10 rate 3000 cycles at 50% DOD at 27 deg. C @ C10 rate 5000 cycles at 20% DOD at 27 deg. C @ C10 rate
11	Recommended charging at 20 to 30 deg. C	Constant potential with current limited to Float operation: 13.7 ± 0.1V @ 15% of battery capacity Cyclic Operation: 14.5 ± 0.1V @ 12% to 20% of battery capacity
12	Container	Poly propylene
13	Positive Plate	Tubular type
14	Negative Plate	Flat pasted
15	Separator	Micro porous Polyethylene
16	Terminals	Lug type bolted terminals