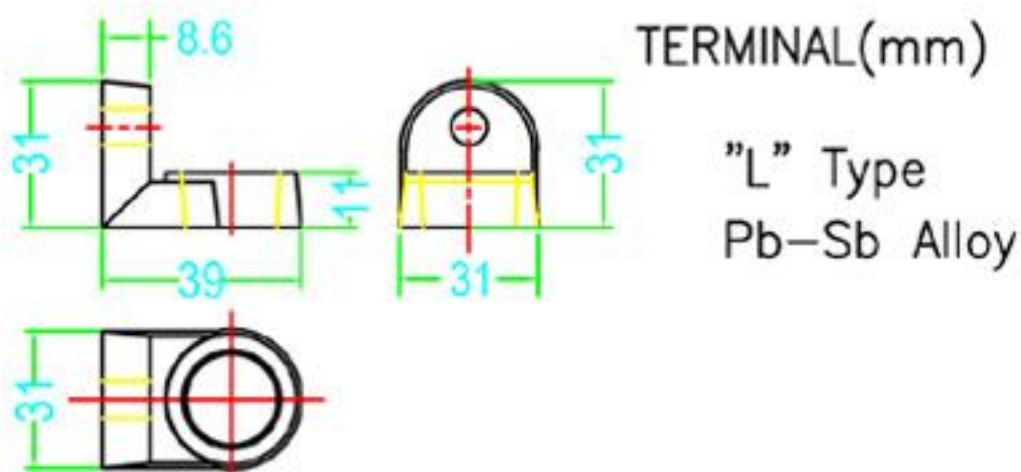


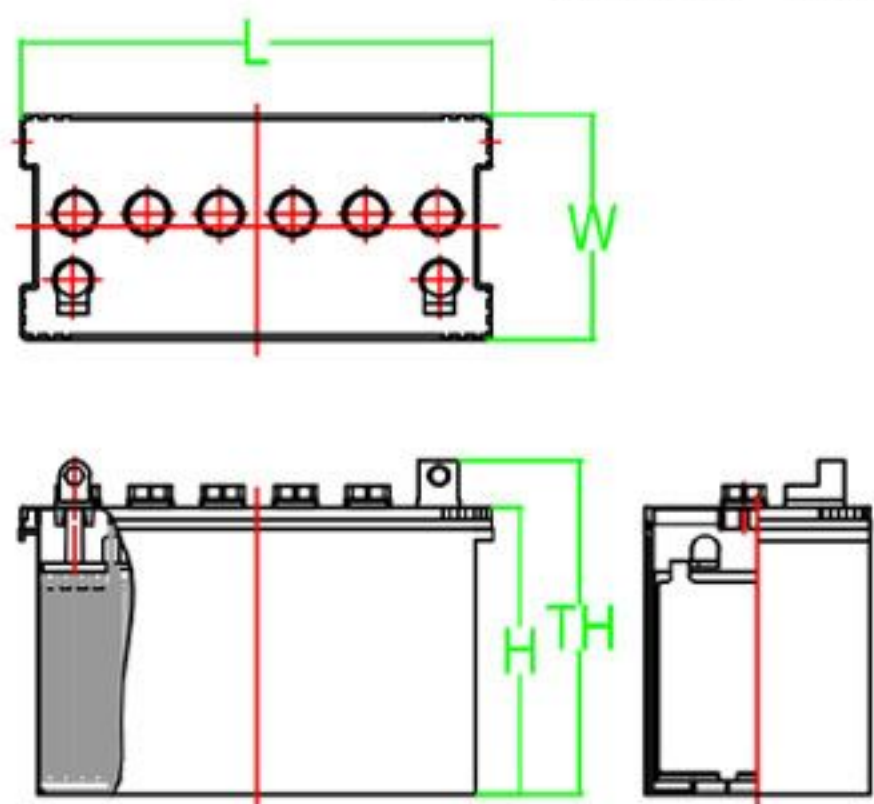
TUBULAR SOLAR BATTERY VENTED MONOBLOC SERIES

MPT 180 (12V 80Ah/20HR)

Specification at 30±2 °C



BATTERY LAYOUT



Dimensions(mm)	
Length :	326 mm (12.83 inch)
Width :	174 mm (6.85 inch)
Height :	226 mm (8.90 inch)
T. Height :	255 mm (10.03 inch)
Nominal Voltage :	12V
Capacity (5HR) :	68Ah/10.2V
Capacity (20HR) :	80Ah/10.5V
Constant Voltage Chrg :	14.7-15.0V
Current Chrg :	1st. step 16A/2nd. 4.8A
Cell Weight Filled :	23 kg
Cell Weight Dry :	18.5 kg
Type of POS Plate :	Tubular Type
Container Material :	PP Resin
Type of Terminal :	Bolt & Nut Type
Size of Terminal :	M8
Life Cycle (80%DOD) :	1250 cycles
Storage :	< 3 months at 5-30 °C

CONSTANT CURRENT DISCHARGE/AMPS. TO 10.2V AT 30 °C

Dchg. Time	DURATION OF DISCHARGE									
	30min.	1hr.	2hr.	3hr.	5hr.	8hr.	10hr.	20hr.	50hr.	100hr.
Amps.	76.0	46.2	28.4	20.8	13.6	9.2	7.60	4.00	1.81	0.97

DISCHARGE CURVES (30 °C. 86 °F)

