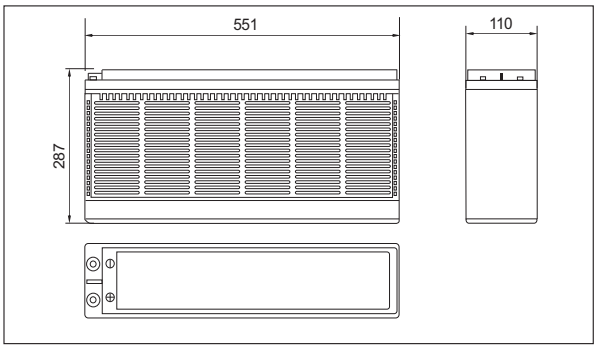
NP12-150(12V150AH)

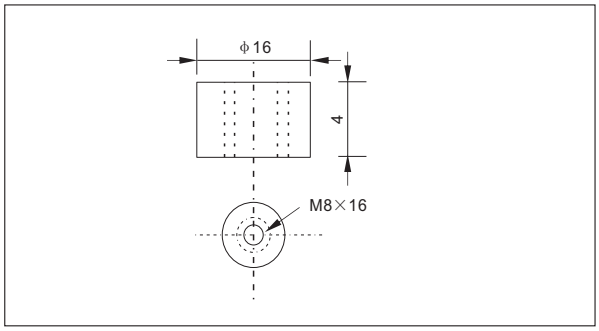
Outer Dimensions (mm)



Specifications

Nominal Voltage		12V
Rated capacity (10 hour rate)		150 Ah
Dimensions	Total Height	287 mm (11.3 inches)
	Height	287 mm (11.3 inches)
	Length	551 mm (21.7 inches)
	Width	110 mm (4.33 inches)
Weight Approx		50 Kg（110ibs）

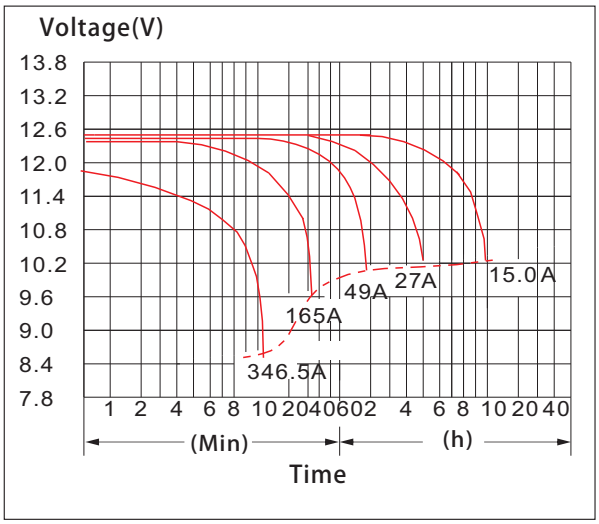
Terminal Type (mm)



Characteristics

Capacity 25℃(77℉)	10 hour rate(15 A) 5 hour rate(27A) 1 hour rate(90A)	150 AH 135AH 90AH
	1.5 hour discharge to 10.5V	60 A
Internal Resistance	Full charged Battery at 25℃(77℉)	2.0 mΩ
Capacity affected by Temperature (10hour rate)	40℃(104℉) 25℃(77℉) 0℃(32℉) -15℃(5℉)	102% 100% 85% 65%
Self-Discharge at 25℃(77℉)	Capacity after 3 month storage Capacity after 6 month storage Capacity after 12 month storage	91% 82% 64%
Terminal	T46	
Charge (constant Voltage) — Cycle	Initial Charging Current less than 60 A Voltage 14.40-14.80V Time 14~16h	
Charge (constant Voltage) — Float	Voltage 13.50-13.80V	

Discharge Curves 25℃(77℉)



Constant Current(Amp) and Constant Power(Watt) Discharge Table at 25℃(77℉)

Time		5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	A	525.0	346.5	285.0	165.0	102.0	52.5	43.5	36.0	28.5	17.6	15.75	8.51
	W	5512.5	3639.0	2992.5	1732.5	1101.0	576.0	486.0	406.5	318.0	201.0	181.5	98.9
10.20V	A	495.0	315.0	277.5	156.0	97.5	50.1	42.8	35.3	27.8	17.1	15.45	8.25
	W	5544.0	3528.0	3108.0	1746.0	1092.0	576.0	484.5	406.5	318.0	199.5	181.5	96.8
10.50V	A	480.0	285.0	270.0	144.0	93.0	48.9	40.5	33.0	27.0	17.0	15.15	8.25
	W	5568.0	3306.0	3132.0	1671.0	1107.0	574.5	477.0	387.0	316.5	199.5	177.0	97.5
10.80V	A	450.0	256.5	240.0	132.0	90.0	47.7	38.7	32.1	26.3	16.5	15.00	8.10
	W	5400.0	3078.0	2883.0	1584.0	1080.0	571.5	462.0	384.0	312.0	196.5	178.5	96.5
11.10V	A	435.0	240.0	210.0	120.0	82.5	46.5	36.0	30.0	24.8	16.1	14.40	7.65
	W	5220.0	2880.0	2520.0	1440.0	990.0	558.0	432.0	360.0	297.0	192.6	172.5	92.7

NOTE: FOR REFERENCE ONLY