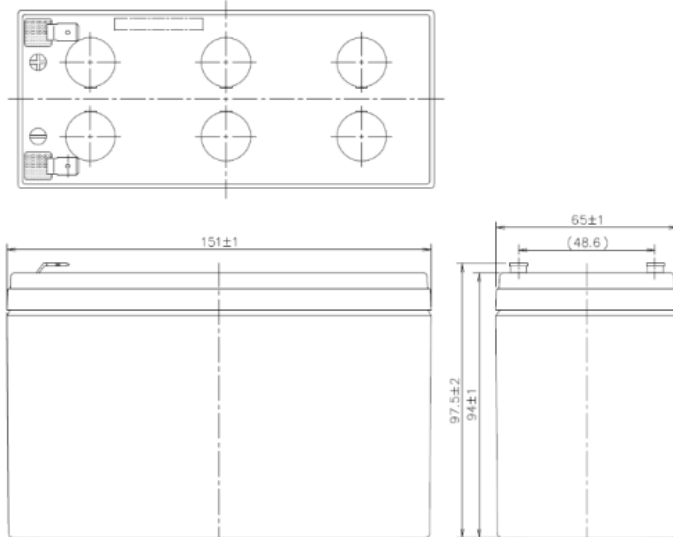




(VRLA)
Valve Regulated Lead Acid Battery

NP7-12

DIMENSION



Specification

- ✧ Nominal Voltage : 12V
- ✧ Dimension
 - Length : 151±1mm
 - Width : 65±1mm
 - Case Height : 94±1mm
 - Overall Height : 97.5±2mm
- ✧ Weight (Approx.) : 2.3 kg
- ✧ Nominal Capacity : 7AH / 20HR (25°C)
- ✧ Internal Resistance(Approx.) : 23 mΩ
- ✧ Max. Charge current : 1.75A
- ✧ Max. Discharge current in 5 seconds : 105A
- ✧ Float Charging : 13.65±0.15V (25°C)
- ✧ Terminal :
Faston tab : 250
- ✧ Operating Temperature Range
 - Discharging -15°C to 45°C
 - Charging -15°C to 45°C
 - Storage -15°C to 45°C
- ✧ Expected float use life (25°C) : 3~5 years
- ✧ Easy Maintenance
 - No electrolyte leakage
 - Ensure safe and efficient operation
- ✧ Container Material :
 - NP7-12 UL94HB Flame class : UL94HB
 - NP7-12FR UL94V0 Flame class : UL94V0
- ✧ Applications :
UPS(Uninterruptible Power Supply) · Telecommunications · Emergency lighting · Alarm systems · Instrumentation · Solar powered systems

NP7-12 PERFORMANCE SPECIFICATION : Amperes and Watts at 25 °C (77 ° F)

TIME		3M	5M	6M	8M	10M	15M	30M	1H	2H	3H	5H	10H	20H
F.V.														
10.80V	W	371	304	282	237	210	159	95	55.0	30.7	21.9	14.6	7.73	4.20
	A	33.4	27.0	24.8	20.8	18.3	13.6	8.14	4.63	2.56	1.83	1.21	0.64	0.34
10.50V	W	408	324	295	249	217	163	98.4	56.4	31.2	22.3	14.7	7.79	4.22
	A	35.6	28.3	25.8	21.7	19.0	14.0	8.36	4.74	2.60	1.86	1.22	0.64	0.35
10.20V	W	433	338	306	257	223	166	100	57.2	31.5	22.5	14.8	7.84	4.24
	A	40.3	30.5	27.1	22.8	19.5	14.3	8.50	4.81	2.63	1.88	1.23	0.65	0.35
10.02V	W	438	342	309	260	225	168	101	57.7	31.8	22.7	15.0	7.92	4.28
	A	40.8	30.9	27.5	23.1	19.7	14.4	8.59	4.86	2.65	1.89	1.24	0.65	0.35
9.60V	W	446	349	315	265	230	171	102	58.3	32.1	22.9	15.1	8.00	4.33
	A	42.3	32.1	28.6	24.1	20.5	14.8	8.75	4.90	2.68	1.91	1.26	0.66	0.35

Characteristics

