

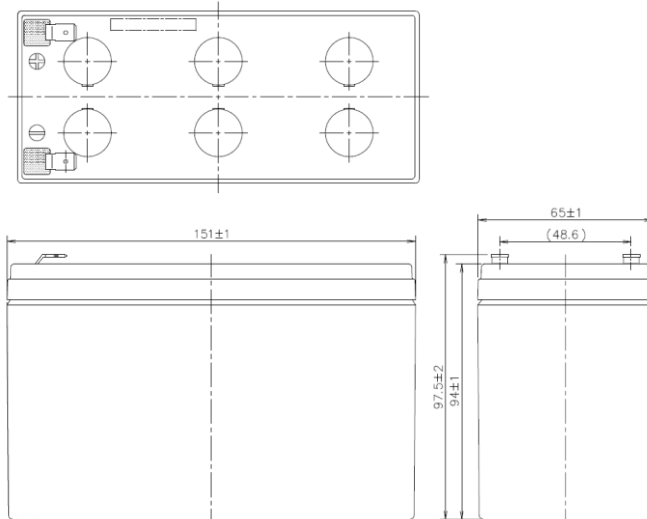


(VRLA)

Valve Regulated Lead Acid Battery

## NP7-12(NEI)

### DIMENSION



### Specification

<ul style="list-style-type: none"> <li>✎ Nominal Voltage : 12V</li> <li>✎ Dimension                             <ul style="list-style-type: none"> <li>Length : 151±1mm</li> <li>Width : 65±1mm</li> <li>Case Height : 94±1mm</li> <li>Overall Height : 97.5±2mm</li> </ul> </li> <li>✎ Weight ( Approx. ) : 2.1 kg</li> <li>✎ Nominal Capacity : 7AH / 20HR ( 25°C )</li> <li>✎ Internal Resistance(Approx.) 23 mΩ</li> <li>✎ Max. Charge current : 1.75A</li> <li>✎ 5                             <ul style="list-style-type: none"> <li>Max. Discharge current in 5 seconds : 105A</li> </ul> </li> <li>✎ Float Charging : 13.65±0.15V ( 25°C )</li> <li>✎ Terminal :                             <ul style="list-style-type: none"> <li>Faston tab : 187/250</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>✎ Operating Temperature Range                             <ul style="list-style-type: none"> <li>Discharging -15°C to 45°C</li> <li>Charging Storage -15°C to 45°C</li> <li>-15°C to 45°C</li> </ul> </li> <li>✎ Expected float use life ( 25°C ) : 3~5 years</li> <li>✎ Easy Maintenance                             <ul style="list-style-type: none"> <li>No electrolyte leakage</li> <li>Ensure safe and efficient operation</li> </ul> </li> <li>✎ Container Material :                             <table border="0" style="width: 100%; margin-top: 5px;"> <tbody> <tr> <td>NP7-12</td> <td>UL94HB</td> <td>Flame class : UL94HB</td> </tr> <tr> <td>NP7-12FR</td> <td>UL94V0</td> <td>Flame class : UL94V0</td> </tr> </tbody> </table> </li> <li>✎ Applications :                             <ul style="list-style-type: none"> <li>UPS ( Uninterruptible Power Supply ) 、 Telecommunications 、 Emergency lighting 、 Alarm systems 、 Instrumentation 、 Solar powered systems</li> </ul> </li> </ul>	NP7-12	UL94HB	Flame class : UL94HB	NP7-12FR	UL94V0	Flame class : UL94V0
NP7-12	UL94HB	Flame class : UL94HB					
NP7-12FR	UL94V0	Flame class : UL94V0					

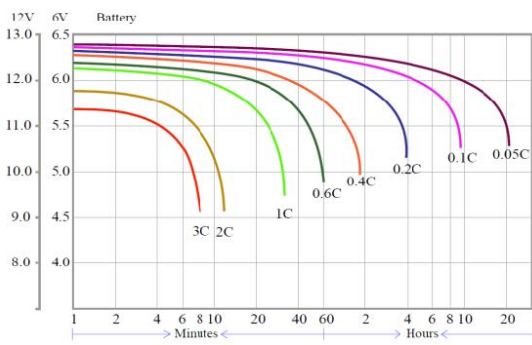
# NP7-12(NEI) PERFORMANCE SPECIFICATION : Amperes and Watts at 25 °C ( 77 ° F )

F.V.	TIME	3M	5M	6M	8M	10M	15M	30M	1H	2H	3H	5H	10H	20H
		3M	5M	6M	8M	10M	15M	30M	1H	2H	3H	5H	10H	20H
10.80V	W	344	282	260	219	194	149	90	52.5	30.0	21.4	14.0	7.57	4.20
	A	30	24	22.9	19.3	16.9	12.8	7.7	4.42	2.50	1.79	1.16	0.62	0.34
10.50V	W	378	302	277	233	204	155	93	53.8	30.5	21.7	14.1	7.63	4.22
	A	34	27	24.5	20.6	17.8	13.3	7.9	4.53	2.54	1.81	1.17	0.63	0.35
10.20V	W	402	316	286	241	209	158	95	54.6	30.7	21.9	14.2	7.67	4.24
	A	37	28	25.4	21.4	18.3	13.5	8.0	4.59	2.57	1.83	1.18	0.63	0.35
10.02V	W	416	323	291	245	212	159	96	55.2	31.1	22.2	14.4	7.75	4.28
	A	38	29	25.9	21.8	18.5	13.7	8.1	4.64	2.59	1.85	1.19	0.64	0.35
9.60V	W	425	330	297	250	216	162	97	55.7	31.4	22.4	14.5	7.83	4.33
	A	40	30	27.0	22.7	19.3	14.0	8.3	4.68	2.62	1.87	1.20	0.64	0.35

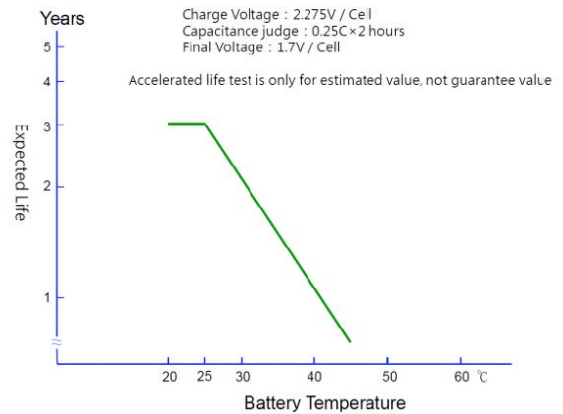
## Characteristics

### DISCHARGE CHARACTERISTICS

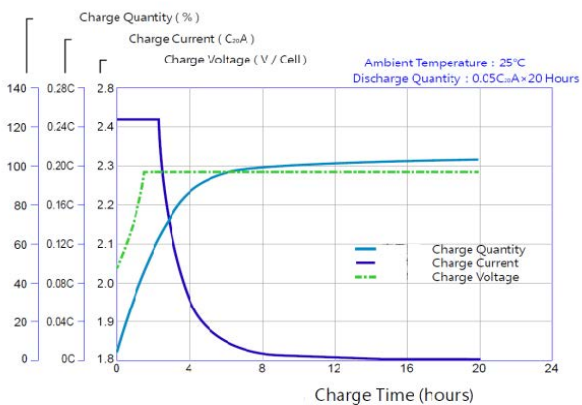
Discharge Characteristics Curves at 25°C



### Float Service Life



### CHARGE CHARACTERISTICS



### CHARGE VOLTAGE

