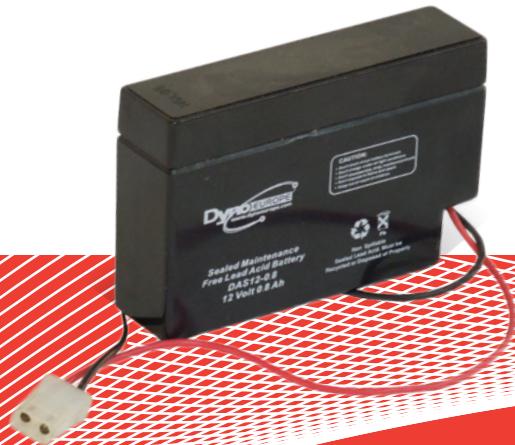


# TECHNICAL DATA SHEET

## DAS12-0.8

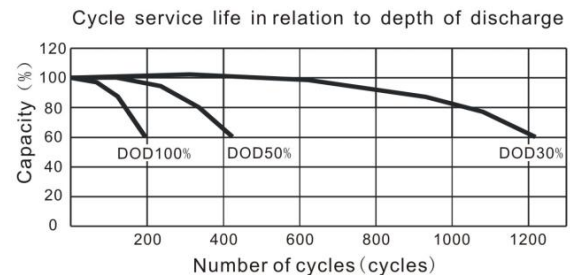
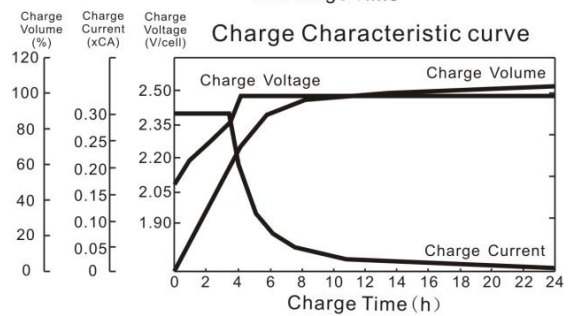
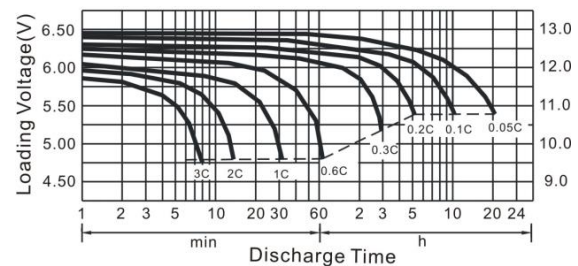


### Specifications

<b>Nominal Voltage</b>		12V
<b>Rated Capacity 77°F(25°C) (20HR)</b>		0.8Ah
<b>Dimensions (mm/inch)</b>	<b>Length</b>	96 (3.78)
	<b>Width</b>	25 (0.98)
	<b>Height</b>	62 (2.44)
	<b>Total Height</b>	62 (2.44)
<b>Approx. Weight (kg/lbs)</b>		0.36 (0.79)
<b>Terminal</b>		Special

### Characteristics

<b>Capacity 77°F(25°C)</b>	<b>20HR (0.040A)</b>	0.80Ah
	<b>10HR (0.074A)</b>	0.74Ah
	<b>5HR (0.136A)</b>	0.68Ah
	<b>1HR (0.488A)</b>	0.49Ah
	<b>15 min rate (1.48A)</b>	0.37Ah
<b>Internal Resistance</b>	<b>Full Charged Battery 77°F(25°C)</b>	Approx. 260mΩ
<b>Temperature dependence of capacity (20HR)</b>	<b>104°F(40°C)</b>	102%
	<b>77°F(25°C)</b>	100%
	<b>32°F(0°C)</b>	85%
	<b>5°F(-15°C)</b>	65%
<b>Self-Discharge 68°F(20°C) (Capacity after)</b>	<b>3 months</b>	90%
	<b>6 months</b>	80%
	<b>12 months</b>	60%
<b>Max. Discharge Current, 77°F(25°C)</b>		12A(5s)
<b>Floating design life, 77°F(25°C)</b>		5 years
<b>Constant Voltage Charge, 77°F(25°C)</b>	<b>Cycle</b>	14.5~14.9V(-24mV/°C) max. current: 0.24A
	<b>Float</b>	13.6~13.8V(-18mV/°C)



# TECHNICAL DATA SHEET

## DAS12-0.8

### Constant Current Discharge Characteristics (A), 77°F(25°C)

F.V/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H
1.60V/cell	3.04	1.92	1.48	0.80	0.506	0.286	0.209	0.141	0.094	0.077	0.041
1.70V/cell	2.89	1.82	1.41	0.77	0.488	0.274	0.204	0.138	0.092	0.076	0.041
1.75V/cell	2.83	1.78	1.39	0.75	0.479	0.270	0.200	0.136	0.091	0.075	0.040
1.80V/cell	2.78	1.74	1.36	0.73	0.471	0.265	0.197	0.134	0.090	0.074	0.040

### Constant Wattage Discharge Characteristics (Watt), 77°F(25°C)

F.V/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H
1.60V/cell	5.52	3.52	2.73	1.49	0.954	0.542	0.400	0.272	0.183	0.151	0.082
1.70V/cell	5.30	3.38	2.64	1.44	0.927	0.526	0.394	0.269	0.182	0.150	0.081
1.75V/cell	5.24	3.33	2.61	1.42	0.918	0.522	0.390	0.267	0.181	0.149	0.080
1.80V/cell	5.18	3.29	2.59	1.40	0.911	0.516	0.387	0.265	0.179	0.147	0.080

