

# TECHNICAL DATA SHEET

## DAS6-12



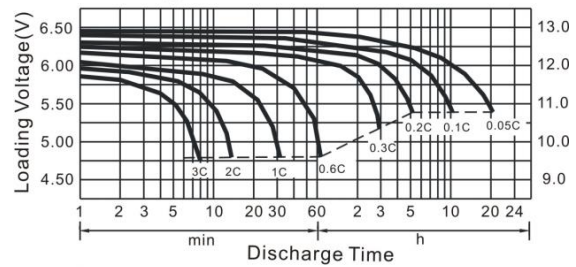
### Specifications

<b>Nominal Voltage</b>		6V
<b>Rated Capacity 77°F(25°C) (20HR)</b>		12.0Ah
<b>Dimensions (mm/inch)</b>	<b>Length</b>	151 (5.95)
	<b>Width</b>	50 (1.97)
	<b>Height</b>	94 (3.70)
	<b>Total Height</b>	100 (3.94)
<b>Approx. Weight (kg/lbs)</b>		1.64 (3.62)
<b>Terminal</b>		T1/T2

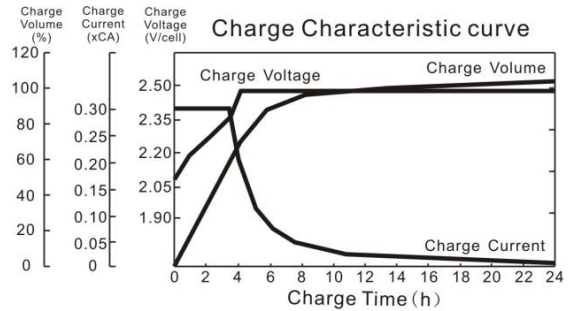
### Characteristics

<b>Capacity 77°F(25°C)</b>	<b>20HR (0.60A)</b>	12.0Ah
	<b>10HR (1.12A)</b>	11.2Ah
	<b>5HR (2.04A)</b>	10.2Ah
	<b>1HR (7.32A)</b>	7.32Ah
	<b>15 min rate (22.2A)</b>	5.6Ah
<b>Internal Resistance</b>	<b>Full Charged Battery 77°F(25°C)</b>	Approx. 12mΩ
<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>		180A(5s)
<b>Floating design life, 77°F(25°C)</b>		5 years
<b>Constant Voltage Charge, 77°F(25°C)</b>	<b>Cycle</b>	7.25~7.45V(-12mV/°C) max. current: 3.6 A
	<b>Float</b>	6.8~6.9V(-9mV/°C)

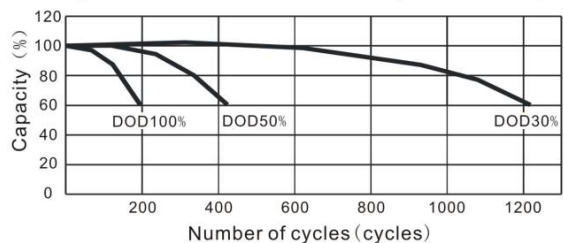
Discharge Characteristics 77°F (25°C)



Charge Characteristic curve



Cycle service life in relation to depth of discharge



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### 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	45.6	28.8	22.20	12.00	7.60	4.28	3.13	2.12	1.41	1.15	0.62
1.70V/cell	43.3	27.4	21.20	11.47	7.32	4.12	3.06	2.08	1.40	1.14	0.61
1.75V/cell	42.5	26.8	20.82	11.23	7.19	4.04	3.00	2.04	1.37	1.12	0.60
1.80V/cell	41.6	26.2	20.45	11.02	7.06	3.97	2.95	2.01	1.35	1.10	0.60

### 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	82.8	52.8	41.08	22.40	14.30	8.14	6.00	4.08	2.75	2.27	1.22
1.70V/cell	79.4	50.6	39.58	21.60	13.91	7.88	5.92	4.04	2.74	2.26	1.21
1.75V/cell	78.6	49.9	39.22	21.34	13.78	7.82	5.86	4.01	2.71	2.23	1.20
1.80V/cell	77.8	49.3	38.86	21.12	13.67	7.74	5.81	3.97	2.69	2.21	1.20

