

Specification

Nominal Voltage	6V
Nominal Capacity(20HR)	1.2AH
Dimension	Length 97±1mm (3.82 inches)
	Width 24±1mm (0.94 inches)
	Container Height 51.5±1mm (2.03 inches)
	Total Height (with Terminal) 57.5±1mm (2.26 inches)
Approx Weight	Approx 0.28 kg (0.62lbs)
Terminal	T1
Container Material	ABS
Rated Capacity	1.20 AH/0.060A (20hr, 1.80V/cell, 25°C/77°F)
	1.12 AH/0.112A (10hr, 1.80V/cell, 25°C/77°F)
	1.02 AH/0.204A (5hr, 1.75V/cell, 25°C/77°F)
	0.918 AH/0.306A (3hr, 1.75V/cell, 25°C/77°F)
	0.754 AH/0.754A (1hr, 1.60V/cell, 25°C/77°F)
Max. Discharge Current	18A (5s)
Internal Resistance	Approx 65mΩ
Operating Temp. Range	Discharge : -15~50°C (5~122°F)
	Charge : 0~40°C (32~104°F)
	Storage : -15~40°C (5~104°F)
Nominal Operating Temp. Range	25±3°C (77±5°F)
Cycle Use	Initial Charging Current less than 0.36A. Voltage 7.2V~7.5V at 25°C(77°F)Temp. Coefficient -15mV/°C
	No limit on Initial Charging Current Voltage 6.75V~6.9V at 25°C(77°F)Temp. Coefficient -10mV/°C
Capacity affected by Temperature	40°C (104°F) 103%
	25°C (77°F) 100%
	0°C (32°F) 86%
Self Discharge	Leoch LP series batteries may be stored for up to 6 months at 25°C(77°F) and then a freshening charge is required. For higher temperatures the time interval will be shorter.



Applications

- ◆ All purpose
- ◆ Uninterruptable Power Supply (UPS)
- ◆ Electric Power System (EPS)
- ◆ Emergency backup power supply
- ◆ Emergency light
- ◆ Railway signal
- ◆ Aircraft signal
- ◆ Alarm and security system
- ◆ Electronic apparatus and equipment
- ◆ Communication power supply
- ◆ DC power supply
- ◆ Auto control system



Constant Current Discharge (Amperes) at 25°C (77°F)

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	2.29	1.75	1.45	1.26	0.97	0.716	0.603	0.357	0.279	0.227	0.185	0.161	0.130	0.108	0.0594
1.80V/cell	3.07	2.24	1.76	1.49	1.15	0.833	0.676	0.390	0.300	0.242	0.199	0.172	0.137	0.112	0.0600
1.75V/cell	3.46	2.46	1.92	1.60	1.19	0.864	0.707	0.404	0.306	0.248	0.204	0.177	0.140	0.115	0.0606
1.70V/cell	3.81	2.69	2.05	1.68	1.24	0.899	0.729	0.414	0.315	0.254	0.209	0.181	0.142	0.117	0.0617
1.65V/cell	4.20	2.90	2.18	1.78	1.31	0.921	0.746	0.420	0.328	0.263	0.215	0.185	0.144	0.119	0.0625
1.60V/cell	4.63	3.15	2.33	1.90	1.38	0.960	0.754	0.438	0.338	0.271	0.222	0.189	0.145	0.121	0.0629

Dimensions

T1 Terminal

Unit: mm [inches]

