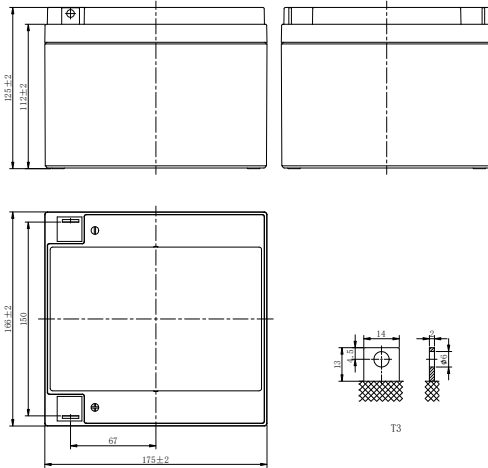


LPL SERIES-LONG LIFE STANDBY

LPL12-26 (12V26Ah)



CHARACTERISTICS

Item	Specifications	
Rated Voltage	12V	
Nominal Capacity (25°C)	C ₂₀ : 1.75V/cell	26Ah
Dimension	Length	166mm (6.54inches)
	Width	175mm (6.89inches)
	Container Height	125mm (4.92inches)
	Total Height	125mm (4.92inches)
Approx Weight	9.15kg (20.2lbs)	
Terminal	T3	
Container Material	ABS (UL94 HB or V-0 optional)	
Short-circuit current	650A	
Internal Resistance (25°C)	Approx 9 mΩ (Fully charged)	
Operating Temp. Range	Discharge	-15~50°C (5~122°F)
	Charge	-20~40°C (-4~104°F)
	Storage	-15~40°C (5~104°F)
Nominal Operating Temp. Range	25±3°C (77±5°F)	
Max. Charging Current (25°C)	0.3C	
Charge voltage (25°C)	Float Charge	Equalization Charge
	2.25-2.30V/cell	2.35-2.45V/cell
Temp. Coefficient	-3mV/cell/°C	-5mV/cell/°C
	40°C (104°F)	103%
Effect of temp. to Capacity	25°C (77°F)	100%
	0°C (32°F)	86%
	≤3% per month at 25°C (77°F). LPL series batteries may be stored 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.	
Self Discharge		

DISCHARGE TABLE

Constant Current Discharge (Amperes) at 25°C (77°F)											
F. V/Time	15min	30min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	43.2	25.2	15.2	8.46	6.29	5.09	4.14	3.54	2.80	2.26	1.27
1.80V/cell	45.4	26.1	15.6	8.80	6.77	5.44	4.44	3.79	2.97	2.40	1.28
1.75V/cell	46.9	26.7	16.0	9.13	6.89	5.56	4.56	3.90	3.02	2.43	1.30
1.70V/cell	48.4	27.4	16.2	9.49	7.08	5.71	4.67	3.98	3.06	2.45	1.32
1.65V/cell	49.6	27.8	16.4	9.76	7.38	5.90	4.80	4.07	3.11	2.50	1.33
1.60V/cell	51.3	28.6	16.8	10.1	7.61	6.09	4.96	4.16	3.14	2.53	1.34

Constant Power Discharge (Watts/cell) at 25°C (77°F)											
F. V/Time	15min	30min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	77.4	46.7	28.8	16.3	12.3	10.0	8.13	6.99	5.54	4.49	2.54
1.80V/cell	81.4	48.3	29.5	17.0	13.2	10.6	8.70	7.47	5.86	4.75	2.56
1.75V/cell	84.1	49.5	30.2	17.6	13.4	10.8	8.91	7.66	5.97	4.79	2.59
1.70V/cell	86.8	50.7	30.8	18.3	13.7	11.1	9.12	7.81	6.04	4.84	2.63
1.65V/cell	88.9	51.6	31.1	18.7	14.2	11.4	9.36	7.97	6.13	4.93	2.66
1.60V/cell	92.0	53.0	31.8	19.3	14.6	11.7	9.62	8.12	6.18	4.98	2.67

LPL SERIES-LONG LIFE STANDBY

LPL12-26 (12V26Ah)



APPLICATIONS

- UPS and EPS
- Emergency light
- Railway signal and aircraft signal system
- Marine and power stations
- Alarm and security system
- Electronic apparatus and equipment
- Communication power supply, DC power supply

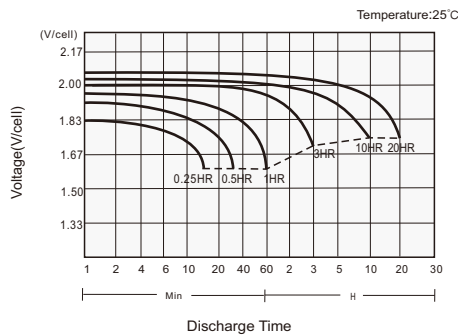
GENERAL FEATURES

- ≥ 12 years design life (25°C)
- Lead calcium alloy, sealed design, no watering required
- Puncture resistant micro-porous glass mat separators extend life
- Unique technology optimizes power capacity, cell consistency, and long-term reliability
- Designed for a wide range of applications

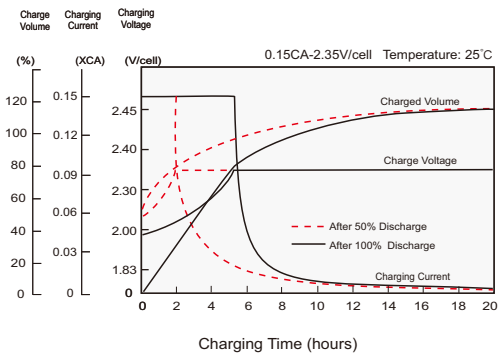
STANDARDS

- Compliance with IEC 60896 standards, EU Battery Directive
- UL, CE Approved
- Manufactured in Leoch@IATF 16949, ISO 45001, ISO 9001 and ISO 14001 certified production facilities

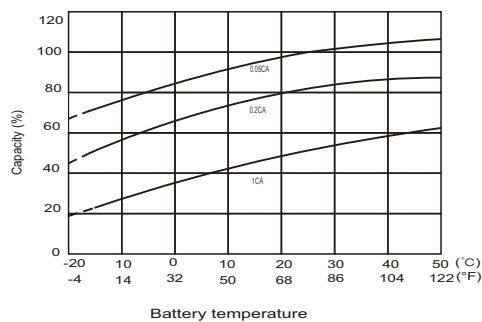
Discharge Characteristics



Charging Characteristics



Effects of Temperature on Capacity



Self Discharge Characteristics

