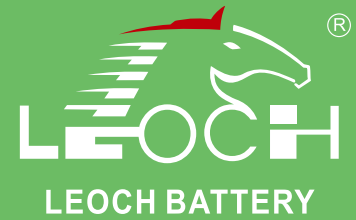




LPC Series-Cycle Application

LPC12-26(12V26Ah)

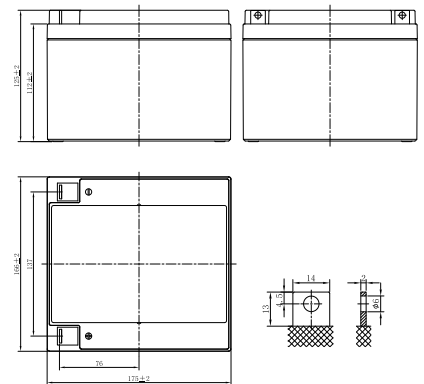


Specifications

Rated Voltage	12V		
Rated Capacity(C ₂₀ , 1.75V/cell)	26Ah		
Dimensions	Length	166±2mm (6.64 inches)	
	Width	175±2mm (6.89 inches)	
	Container Height	125±2mm (4.92 inches)	
	Total Height	125±2mm (4.92 inches)	
Approx Weight	7.80 Kg (17.2 lbs)		
Terminal	T3		
Container Material	ABS		
Nominal Capacity(25°C)	24.7Ah	(10hr, 2.47A, 1.75V/cell)	
	21.9Ah	(5hr, 4.37A, 1.75V/cell)	
	19.1Ah	(3hr, 6.36A, 1.75V/cell)	
	17.0Ah	(2hr, 8.50A, 1.75V/cell)	
	14.8Ah	(1hr, 14.8A, 1.70V/cell)	
Short Circuit Current	650A		
Internal Resistance(25°C)	≤14mΩ		
Operating Temp. Range	Discharge	-20 ~ 55°C (-4 ~ 131°F)	
	Charge	0 ~ 40°C (32 ~ 104°F)	
	Storage	-20 ~ 50°C (-4 ~ 122°F)	
Nominal Operating Temp. Range	25±3°C (77±5°F)		
Max. Charging Current(25°C)	6.5A		
Charge voltage(25°C)	Charge Voltage	Temp. Coefficient	
	Float	2.25~2.30V/cell	-3mV/cell/°C
Effect of temp. to Capacity	Cycle	2.35~2.45V/cell	-5mV/cell/°C
	40°C (104°F)		106%
	25°C (77°F)		100%
Self Discharge	0°C (32°F)		80%
			≤3%/month @ 25°C



Layout



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

F.V/Time	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	12.6	7.67	5.84	4.81	4.08	3.54	2.81	2.34	1.28
1.80V/cell	13.5	8.15	6.15	5.06	4.25	3.69	2.91	2.42	1.29
1.75V/cell	14.2	8.50	6.36	5.21	4.37	3.78	2.99	2.47	1.30
1.70V/cell	14.8	8.85	6.57	5.34	4.47	3.87	3.04	2.51	1.33

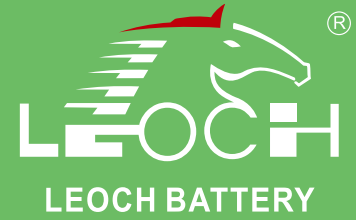
Constant Power Discharge (Watts/cell) at 25 °C (77°F)

F.V/Time	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	24.7	15.2	11.6	9.58	8.16	7.09	5.64	4.71	2.59
1.80V/cell	26.5	16.1	12.1	10.0	8.45	7.35	5.82	4.85	2.60
1.75V/cell	27.7	16.7	12.5	10.3	8.63	7.49	5.94	4.90	2.62
1.70V/cell	28.7	17.2	12.8	10.5	8.80	7.62	5.99	4.97	2.64



LPC Series-Cycle Application

LPC12-26(12V26Ah)



Applications

- Electric tools
- Mobility Scooter
- Golf trolleys
- Portable lights and instruments
- Electric toys
- Portable power
- Electric wheelchair

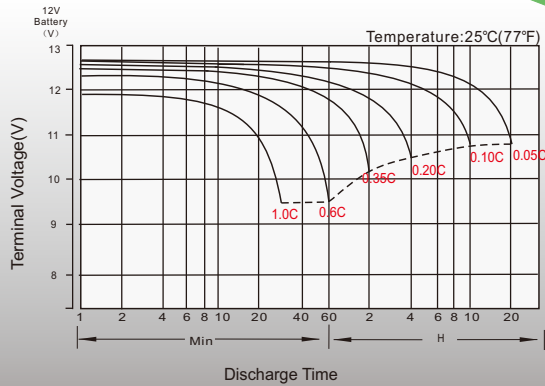
General Features

- Good cyclic property. Enhanced overcharge endurance and overdischarge recovery property
- Using oxygen recombination technology: maintenance-free
- Lower acid density, excess of electrolyte and larger distance between plates to keep battery at low temperature and slow down plate grid corrosion speed
- Unique plate group configuration, high quality AGM separator and battery management system ensure battery with a longer service life

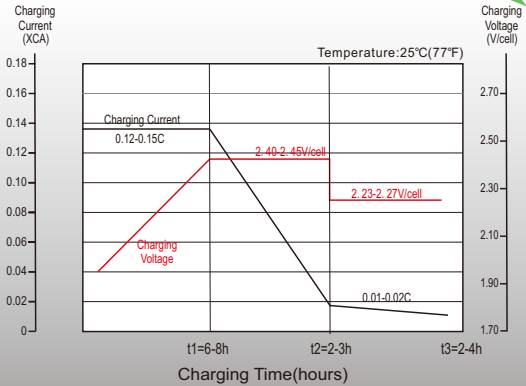
Standards

- ACC. to BCI standards
- Manufactured in Leoch® IATF 16949, ISO 9001, ISO 14001 and ISO 45001 certified production facilities

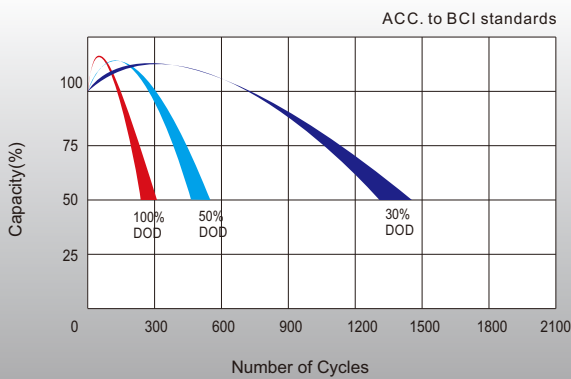
Discharge Characteristics



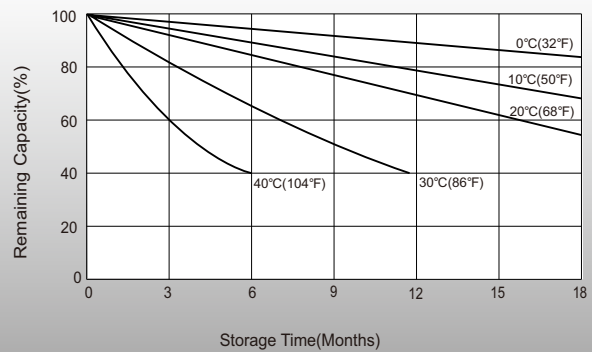
Charging Characteristics



Cycle Life in Relation to Depth of Discharge



Self Discharge Characteristics



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