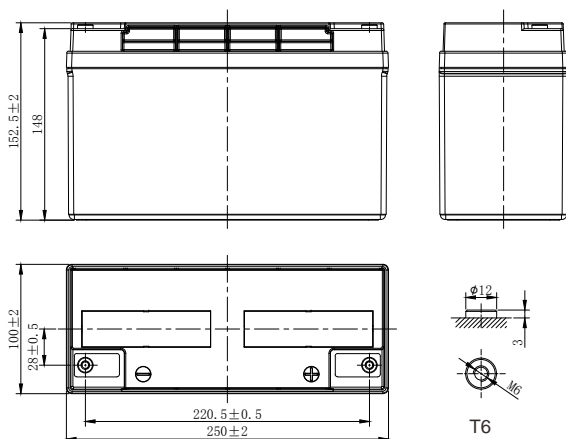


# PLH-PURE LEAD LONG STANDBY LIFE

## PLH26 (12V26Ah)



### CHARACTERISTICS

Item	Specifications	
Rated Voltage	12V	
Nominal Capacity (25°C)	C <sub>10</sub> , 1.80V/cell	26Ah
	C <sub>8</sub> , 1.75V/cell	26Ah
Dimension	Length	250mm (9.84inches)
	Width	100mm (3.94inches)
	Container Height	152.5mm (6.00inches)
	Total Height	152.5mm (6.00inches)
Approx Weight	9.5kg (20.9lbs)	
Terminal	T6(M6)	
Container Material	PC-ABS (UL94 V-0)	
Short-circuit current	900A	
Internal Resistance (25°C)	Approx 7.8 mΩ (Fully charged)	
Operating Temp. Range	Discharge	-40~65°C (-40~149°F)
	Charge	-20~54°C (-4~129°F)
	Storage	-20~50°C (-4~122°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
	2.27±0.02V/cell	2.35-2.40V/cell
Temp. Coefficient	-3mV/cell/°C	-4mV/cell/°C
	40°C (104°F)	103%
Effect of temp. to Capacity	25°C (77°F)	100%
	0°C (32°F)	86%
	Self Discharge	PLH series batteries can be stored up to 24 months at 25°C(77°F). For higher temperatures the time interval will be shorter. Battery needs to be given a freshening charge when the OCV approach 2.10V/cell or when the maximum storage time is reached, whichever occurs first.

### DISCHARGE TABLE

Constant Current Discharge (Amperes) at 25°C (77°F)														
F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	8h	10h	20h
1.85V/cell	91.9	63.4	52.6	40.4	30.6	22.5	18.6	10.4	7.39	5.68	4.75	3.10	2.58	1.32
1.80V/cell	98.2	66.5	54.6	42.0	31.7	23.2	19.1	10.7	7.57	5.81	4.83	3.17	2.60	1.35
1.75V/cell	106.1	70.6	56.6	43.6	33.0	23.9	19.5	11.0	7.75	6.01	4.92	3.25	2.67	1.36
1.70V/cell	114.0	75.2	58.7	45.1	34.2	24.6	20.3	11.2	7.92	6.14	5.02	3.30	2.69	1.37
1.67V/cell	123.6	79.5	60.8	46.7	35.3	25.3	20.7	11.5	8.10	6.20	5.12	3.33	2.72	1.39
1.60V/cell	133.1	84.3	62.9	48.3	36.4	26.0	21.1	11.7	8.27	6.34	5.23	3.37	2.75	1.40

Constant Power Discharge (Watts/cell) at 25°C (77°F)														
F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	8h	10h	20h
1.85V/cell	169.7	113.6	98.4	78.9	58.9	44.9	36.8	20.8	14.7	11.4	9.63	6.18	5.23	2.63
1.80V/cell	180.1	118.4	100.9	81.0	60.2	45.7	37.4	21.1	14.9	11.6	9.66	6.19	5.24	2.64
1.75V/cell	196.2	126.1	104.0	83.0	61.5	46.5	37.9	21.3	15.0	11.7	9.74	6.20	5.25	2.65
1.70V/cell	211.9	133.6	106.5	85.0	62.7	47.2	38.5	21.6	15.2	11.8	9.77	6.21	5.26	2.66
1.67V/cell	228.3	141.6	109.6	87.4	64.3	47.5	39.2	21.9	15.4	11.8	9.80	6.22	5.27	2.67
1.60V/cell	239.5	147.8	111.6	88.7	65.0	48.0	39.4	22.0	15.4	11.8	9.82	6.23	5.28	2.68

# PLH-PURE LEAD LONG STANDBY LIFE

## PLH26 (12V26Ah)

### APPLICATIONS

- Telecommunication
- Railway signal
- Alarm and security system
- Power station systems
- Emergency power supply
- Electric Power System (EPS)
- Communication power supply

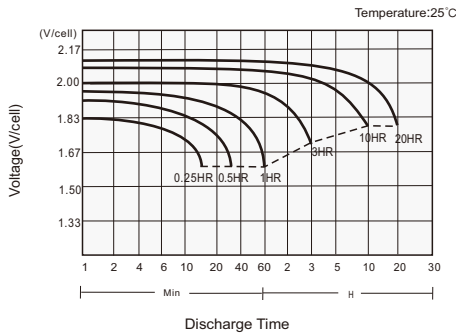
### GENERAL FEATURES

- 20 years design life (25°C)
- Utilizes pure lead technology. Thin positive grids and unique manufacturing process to maximize corrosion resistance and service life while increasing energy density
- High purity and superior quality AGM separators to reduce self discharge rates and float currents
- Case and cover are UL94 V-0 and highly resistant to shock, heat sealed and 100% tested to prevent leaks
- Front access design for easy installation and maintenance

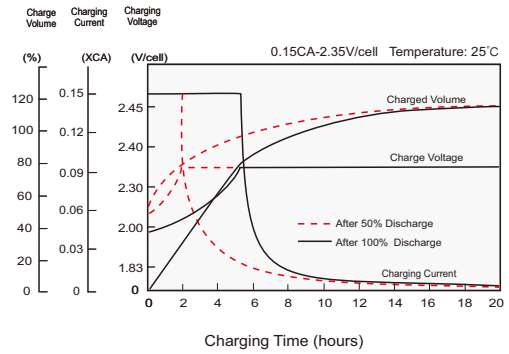
### STANDARDS

- Compliance with IEC 60896 standards
- Classified as "Very Long Life" according to Eurobat
- CE,UL Approved
- Manufactured in Leoch@IATF16949, ISO 45001,ISO 9001 and ISO 14001 certified production facilities

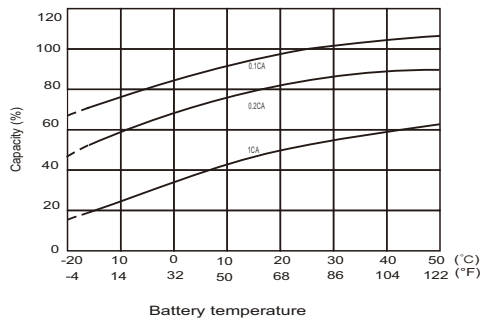
#### Discharge Characteristics



#### Charging Characteristics



#### Effects of Temperature on Capacity



#### Self Discharge Characteristics

