



Gel LPG series



-20°C - +55°C

TEMPERATURE RANGE

Up to 9 months at 25°C

SHELF LIFE

2-3 years*

WARRANTY

up to 18 years (25°C)*

DESIGN LIFE

* Depending on the actual model

Leoch Premium Gel top terminal batteries, LPG series, are GEL Valve-Regulated Lead-Acid top terminal batteries that have been optimized for high endurance communications, emergency power supply and medical applications. Engineered for long life demanding applications that operate in harsh conditions, LPG batteries offer an up to 18-year life design, a top terminal design and wide range of capacities for easy replacement and hassle-free operation.

BATTERY SPECIFICATIONS

Model	Nominal Voltage (V)	Rated Capacity 20Hr @ 1.8V/cell (AH)	Rated Capacity 10Hr @ 1.75V/cell (AH)	Approx. Dimensions								Approximate Weight		Terminal Type
				Length		Width		Height		Total Height		kg	lbs	
				mm	in.	mm	in.	mm	in.	mm	in.			
LPG12-17	12	17		181.50	71.46	76.50	30.12	167.50	65.94	167.50	65.94	5.80	12.79	M5
LPG12-24	12	24		166.00	65.35	175.00	68.90	125.00	49.21	125.00	49.21	8.50	18.74	M5
LPG12-31	12	30		195.00	76.77	130.00	51.18	164.00	64.57	178.00	70.08	10.20	22.49	T5
LPG12-38	12	38		197.00	77.56	165.00	64.96	170.00	66.93	170.00	66.93	12.80	28.22	M6
LPG12-45	12	45		257.00	101.18	132.00	51.97	200.00	78.74	200.00	78.74	15.50	34.17	M6
LPG12-50	12	50		229.00	90.16	138.00	54.33	205.00	80.71	211.00	83.07	16.10	35.49	M6
LPG12-60	12	60		255.00	100.39	170.00	66.93	174.50	68.70	177.50	69.88	18.50	40.79	M6
LPG12-65	12	65		325.00	127.95	167.00	65.75	174.00	68.50	174.00	68.50	20.50	45.19	M6
LPG12-70H	12	70		260.00	102.36	168.00	66.14	208.00	81.89	214.00	84.25	22.90	50.49	M6
LPG12-85	12	85		306.00	120.47	168.00	66.14	208.00	81.89	214.00	84.25	27.50	60.63	M6
LPG12-100	12	100		330.00	129.92	173.00	68.11	212.00	83.46	218.00	85.83	28.90	63.71	M8
LPG12-110	12	110		408.00	160.63	177.00	69.69	225.00	88.58	225.00	88.58	34.50	76.06	M8
LPG12-125	12	130		345.00	135.83	172.00	67.72	274.00	107.87	280.00	110.24	40.00	88.18	M8
LPG12-140	12	140		483.00	190.16	170.00	66.93	238.50	93.90	238.50	93.90	43.80	96.56	M8
LPG12-160	12	160		522.00	205.51	240.00	94.49	218.00	85.83	224.00	88.19	56.00	123.46	M8
LPG12-200	12	200		522.00	205.51	240.00	94.49	218.00	85.83	224.00	88.19	62.30	137.35	M8
LPG12-240	12	240		522.00	205.51	268.00	105.51	220.00	86.61	226.00	88.98	73.30	161.60	T11
LPG2-100	2		100	170.00	66.93	72.00	28.35	205.00	80.71	214.00	84.25	6.00	13.23	M6
LPG2-200	2		200	170.00	66.93	110.00	43.31	328.00	129.13	337.00	132.68	13.50	29.76	M8
LPG2-300	2		300	170.00	66.93	150.00	59.06	330.00	129.92	339.00	133.46	19.10	42.11	M8
LPG2-400	2		400	210.00	82.68	175.00	68.90	330.00	129.92	339.00	133.46	27.00	59.52	M8
LPG2-500	2		500	240.00	94.49	175.00	68.90	327.50	128.94	338.00	133.07	32.80	72.31	M8
LPG2-600	2		600	300.00	118.11	175.00	68.90	330.00	129.92	340.00	133.86	39.00	85.98	M8
LPG2-800	2		800	410.00	161.42	175.00	68.90	330.00	129.92	340.00	133.86	50.60	111.55	M8
LPG2-1000	2		1000	475.00	187.01	175.00	68.90	328.00	129.13	328.00	129.13	65.70	144.84	M8
LPG2-1500	2		1500	403.00	158.66	354.00	139.37	339.00	133.46	349.00	137.40	94.80	209.00	M8
LPG2-2000	2		2000	490.00	192.91	350.00	137.80	339.00	133.46	349.00	137.40	132.50	292.11	M8

GENERAL FEATURES

EMERGENCY POWER
Ideal for high endurance communications, emergency power supply and medical applications

SAFETY
Unique anti-explosion one-way vent valve design to minimize water loss and increase safety

LONG SERVICE LIFE
Long life design of 12 years (12V) and even higher long-life design of up to 18 years (2V)

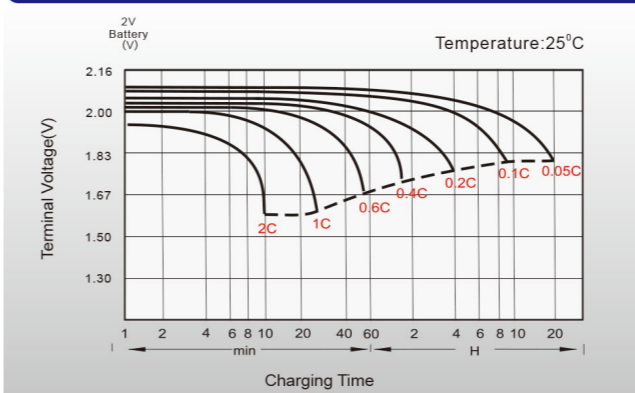
PbCa SPECIAL LEAD-CALCIUM
Special lead-calcium alloy and gelled electrolyte for long life and reduction of thermal runaway phenomenon for high endurance applications

GELLED ELECTROLYTE
Increased deep discharge resilience due to the gelled electrolyte

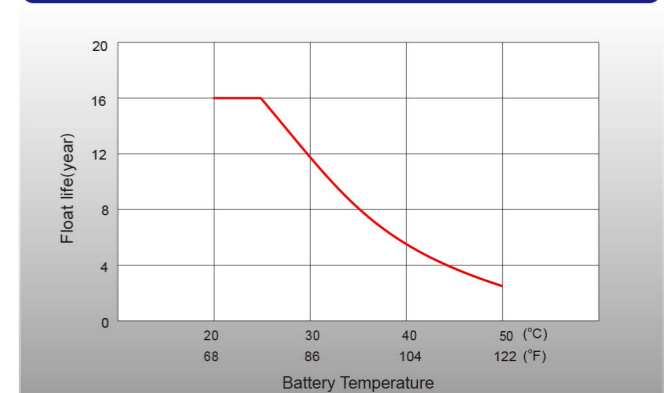
ABS CASE
ABS case UL94-HB (UL94-V0 Optional) is used for increased container strength

PERFORMANCE CHARACTERISTICS

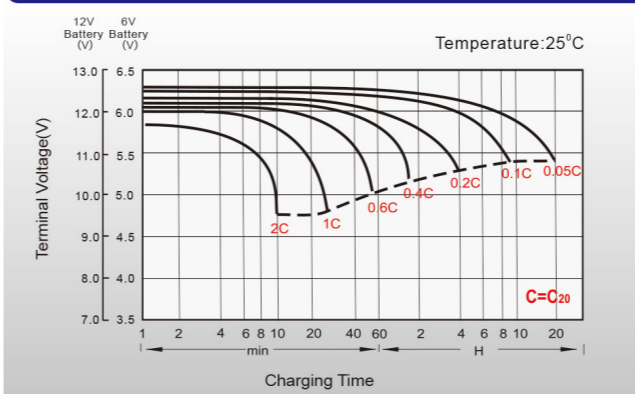
Discharge Characteristics (2V)



Temperature Effect on Long Term Float Life (2V)



Discharge Characteristics (12V)



Temperature Effect on Long Term Float Life (12V)

