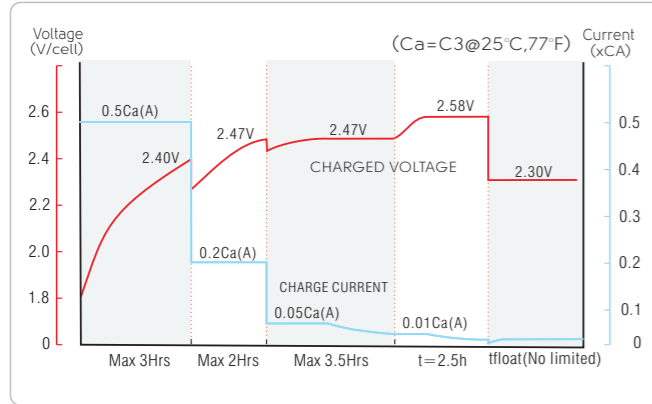
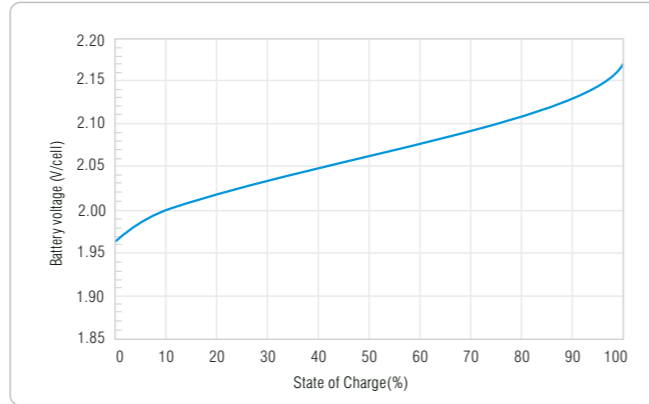


PERFORMANCE CHARACTERISTICS

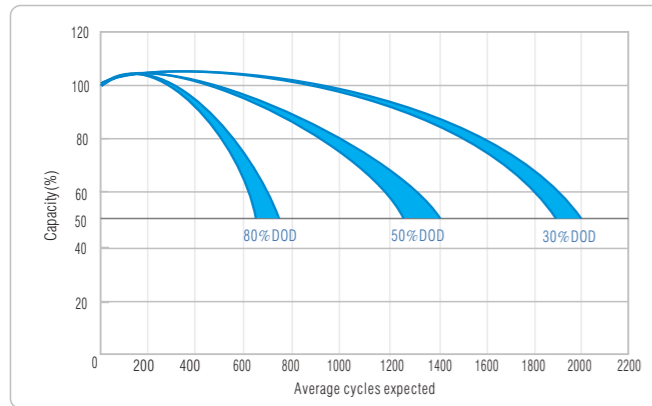
LEOCH LDC AGM Charging Profile



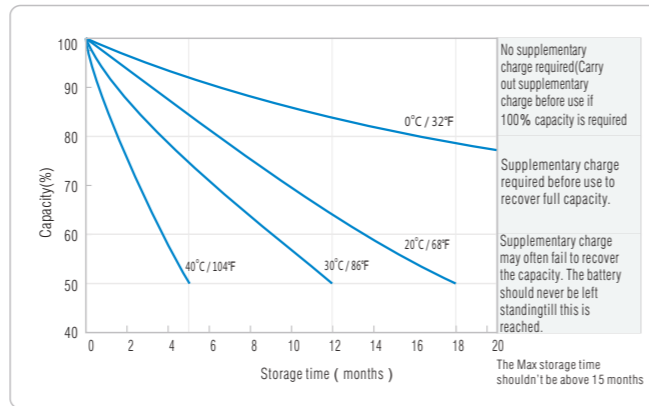
Relationship of OCV and state of charge (25°C, 77°F)



Cycle life in relation to Depth of Discharge



Self-discharge characteristic



Reliable Power Solutions

● LEOCH BATTERY CORP. USA:
19751 Descartes, Foothill Ranch, CA 92610 USA
Tel: 949-588-5853 E-mail: sales@leoch.us



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LEOCH DEEP CYCLE AGM TECHNOLOGY



WWW.LEOCH.US
Leoch Battery Corporation



WHEN AGM IS THE BEST SOLUTION

- ✓ Convenience ✓ Safety ✓ Durability ✓ Clean Solution

AGM Technology Advantages	Best Choice
No Flooded Battery Maintenance <ul style="list-style-type: none"> No watering Terminals stay clean and corrosion free 	<ul style="list-style-type: none"> Remote locations Limited accessibility When time & convenience is valued Where flooded batteries are failing prematurely due to improper care
Long shelf life <ul style="list-style-type: none"> Self-discharge <3% per month at 77 °F(25 °C) 	<ul style="list-style-type: none"> Batteries will operate after pre-sale equipment storage or off-season storage
Durability <ul style="list-style-type: none"> Excellent vibration resistance Wider operating temperature range 	<ul style="list-style-type: none"> Can withstand rough terrain Cold environments – less likely to freeze
Less hazardous/"Clean" <ul style="list-style-type: none"> One-way pressure relief valve allows recombinant technology 	<ul style="list-style-type: none"> Can be used near people and sensitive equipment Regulation compliance: schools, hospitals, airports, etc
Non-spillable/"Clean" <ul style="list-style-type: none"> Can be placed on its side 	<ul style="list-style-type: none"> Space-restricted installations Regulation compliance: schools, hospitals, airports, etc



HIGHLIGHTS

Deep Cycle Design for High Capacity and Maximum Life

- Paste customized for deep cycle performance; paste formula, process and ratio of positive to negative active materials.
- Unique production process used to maximize cycle life.
- Paste formula designed to minimize water consumption providing longer service life.

Superior Performance in Wide Variety of Applications

- Special mixture of carbon and other proprietary additives in negative active material to perform in partial state of charge (PSoC) applications and to increase charge acceptance for optimized charging and fast charging capability.

One-of-a-Kind AGM Separator

- Leoch manufactures its own AGM separator, unlike any in the market, to lower internal resistance, keep plates wet, maintain cell compression and prevent acid stratification (one of the leading causes of failure in AGM batteries).
- Double wrapping to prevent the short circuit and acid stratification

Hybrid Gel Technology

- Exclusive formula of highly refined silica added to reduce acid stratification
- Further extends the service life of the battery



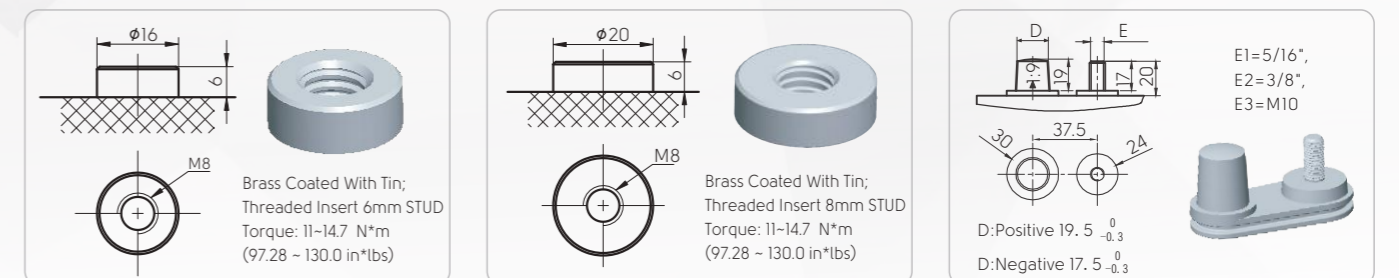
TS16949 ISO14001 ISO9001 OHSAS18001

LDC PRODUCT SPECIFICATIONS

Model Number	BCI Group	Capacity(AH)					Reserve Capacity (Min)			Dimensions (mm/inch)				Weight		Terminal Type				
		100HR	20HR	10HR	5HR	3HR	25A	56A	75A	L	W	H	TH	kg	lbs					
6V DEEP CYCLE BATTERY																				
LDC6-210-GC2	GC2	231	210	200	175	165	460	175	120	260	10.24	180	7.09	252	9.92	274	10.79	27.0	59.5	DT-5/16
LDC6-224-GC2	GC2	246	224	210	192	173	490	188	135	260	10.24	180	7.09	247	9.72	253	9.96	30.5	67.3	T11(M8)
LDC6-245	-	270	245	232	210	196	530	206	145	243	9.57	188	7.38	275	10.83	275	10.83	32.3	71.2	T11(M8)
LDC6-265-GC2	GC2	285	268	255	230	200	620	256	165	262	10.31	180	7.09	263	10.35	268	10.55	32.9	72.5	T11(M8)
LDC6-275	901	300	275	260	240	225	625	-	166	295	11.61	180	7.09	274	10.79	296	11.65	36.5	80.5	DT-5/16
LDC6-350	902	385	350	332	305	285	820	-	240	295	11.61	180	7.09	346	13.62	368	14.49	48.0	105.8	DT-3/8
LDC6-400-L16	903	435	400	375	342	320	925	-	265	295	11.61	180	7.09	406	15.98	428	16.85	54.2	119.5	DT-5/16
8V DEEP CYCLE BATTERY																				
LDC8-165-GC8	GC8	180	165	155	140	125	325	130	-	260	10.24	180	7.09	252	9.92	274	10.79	29.2	64.4	DT-5/16
LDC8-180-GC8	GC8	200	182	170	153	135	365	155	-	260	10.24	180	7.09	252	9.92	274	10.79	32.0	70.6	DT-5/16
LDC8-210-GC8H	GC8H	225	210	190	180	165	480	175	145	260	10.24	182	7.17	295	11.61	298	11.73	40.5	89.3	T11(M8)
12V DEEP CYCLE BATTERY																				
LDC12-90-G24	24	93	90	85	77	72	175	65	43	260	10.24	168	6.61	208	8.19	214*	8.43*	23.5	51.8	DT-5/16, T6-A
LDC12-105-G27	27	115	108	104	96	90	220	80	55	306	12.05	168	6.61	208	8.19	214*	8.43*	27.6	60.9	DT-5/16, T6-A
LDC12-115-G31	31	130	118	113	107	98	239	95	65	330	12.99	173	6.81	212	8.35	220*	8.66*	31.3	69.0	DT-5/16, T11
LDC12-140	-	152	144	138	126	120	321	126	88	408	16.06	177	6.97	225	8.86	225	8.86	39.2	86.4	T11(M8)
LDC12-145	-	160	148	141	122	118	308	115	88	340	13.39	172	6.77	280	11.02	286	11.26	42.6	93.9	T11(M8)
LDC12-150-GC12	GC12	166	150	143	136	125	323	120	90	327	12.87	180	7.09	274	10.79	274	10.79	41.9	92.4	T11(M8)
LDC12-180	-	194	183	174	162	150	395	155	108	483	19.02	170	6.69	239	9.39	239	9.39	50.1	110.5	T11(M8)
LDC12-200-4D	4D	215	200	190	172	160	445	-	115	527	20.75	214	8.43	222	8.74	244	9.61	56.1	123.7	DT-3/8
LDC12-220	921	245	220	210	190	170	470	175	120	387	15.24	180	7.09	346	13.62	368	14.49	59.4	131.0	DT-3/8
LDC12-245	921	270	245	233	210	185	535	-	145	387	15.24	180	7.09	346	13.62	368	14.49	64.5	142.2	DT-3/8
LDC12-250-8D	8D	262	250	225	205	185	540	-	150	527	20.75	280	11.02	230	9.06	252	9.92	72.0	158.8	DT-3/8
LDC12-285-8D	8D	310	285	262	225	215	640	235	175	527	20.75	280	11.02	230	9.05	252	9.92	78.5	173.1	DT-3/8
LDC12-330-8D	8D	355	330	308	280	268	740	-	207	527	20.75	280	11.02	230	9.06	252	9.92	86.0	189.6	DT-3/8

*Total Height listed for -G24, -G27, -G31 is for T6-A/T11 option, Refer to individual spec sheets for TH dimension for DT terminal option.

TERMINALS



• T6-A

• T11

• DT