

BATTERIES

Absorbent Glass Mat (AGM) Batteries

Robust sealed non-spillable maintenance free valve regulated recombinant batteries. Ideal for starting, stationary, deep-cycle and high current, high power applications.

- Completely maintenance free, no need to add water
- Spill and leak-proof, multi-position usage
- Low self-discharge, long storage life
- Increased durability and deep cycle ability
- Valve regulated to 2.5psi max
- Non-hazardous
- Thermal stability, vibration and shock-resistant
- Threaded insert or faston terminals as standard
- Flag, automotive, J type, J type adapter terminals to order
- Lower cost when compared to Gelled Electrolyte batteries
- Superior performance for shorter duration/higher current discharges
- Total height does not allow for terminal bolt when screwed into battery terminals (Relevant for screw terminal batteries)

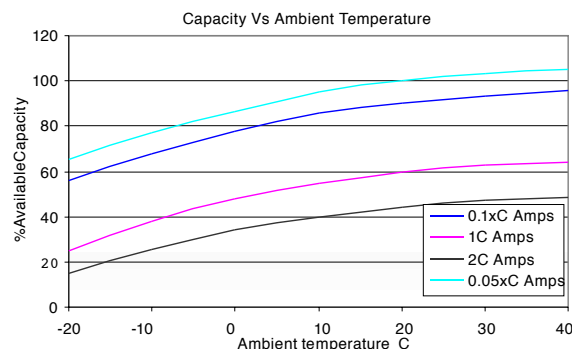
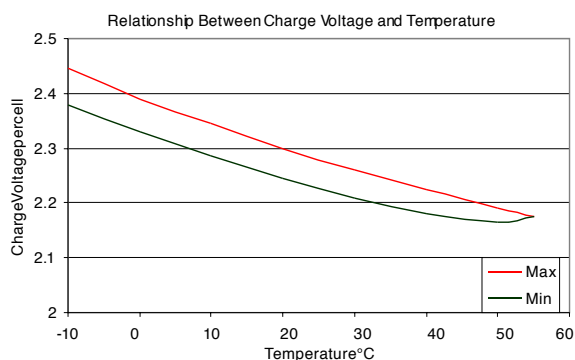
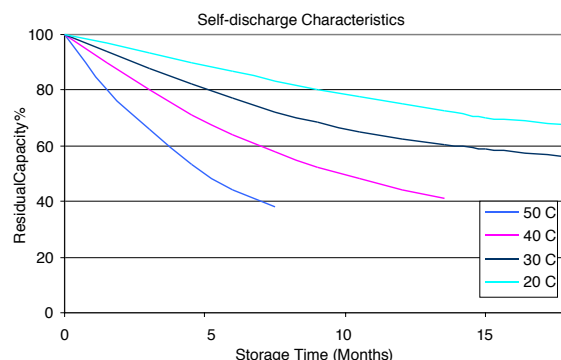
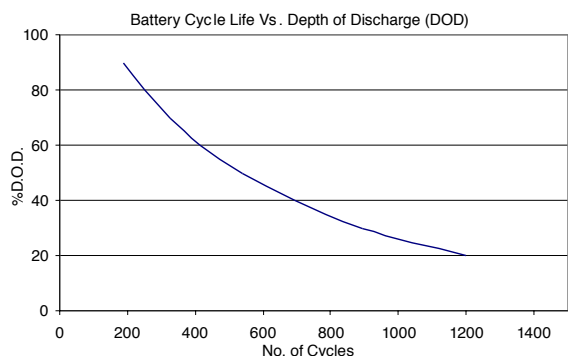
SPECIFICATION

Nominal Voltage	BEL060013-BEL060120	6V
	BEL120180-BEL122300	12V
Battery life	BEL060013-BEL060120	5 Years
	BEL120180-BEL122300	12 Years
Operating temperature	BEL060013-BEL060120	-20°C to 50°C
	BEL120180-BEL122300	-10°C to 45°C
Grid alloy	Calcium/Tin lead alloy	
Plates	Flat pasted	
Separator	Absorbent Glass Mat	
Active material	High purity lead	
Case and cover	ABS (V0 on request)	
Charge Voltage	Float 2.27-2.30 VPC @ 20°C	
	Cycling 2.4 VPC @20°C	
	Max 2.4 VPC	
	Max ripple 5%	
Electrolyte	Sulphuric acid	
Venting valve	EPDM Rubber	
	release pressure at 1.5 to 2 psi	
	resealing at 1psi	
Terminals	Epoxy sealed	
Torque settings	5-7Nm	



Typical Applications:

- Cycling/Float Service
- Telecommunications
- Solar and wind
- Emergency lighting
- Computer backup
- Marine equipment
- Power tools
- Vending machines
- Power supplies
- Remote telemetry
- Access control
- Medical equipment
- Control equipment
- Cathodic protection
- Navigation aids
- Cellular Radio Stations
- Security systems



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	NOMINAL VOLTAGE	NOMINAL CAPACITY	LENGTH	WIDTH	HEIGHT	WEIGHT	TERMINAL DETAILS	INTERNAL RESISTANCE	CHARGE CURRENT MAX	CCA AT 0°C	SHORT CIRCUIT	QTY PER BOX
BEL060013	6V	1.2Ah	97mm	24mm	52mm	0.31kg	B - T1	50Ω	0.48A	N/A	60A	40
BEL060032	6V	3.2Ah	134mm	34mm	61mm	0.65kg	B - T1	30Ω	0.8A	N/A	160A	20
BEL060045	6V	4.5Ah	70mm	47mm	101mm	0.77kg	A - T1	22Ω	1.8A	N/A	225A	20
BEL060072	6V	7Ah	151mm	34mm	94mm	1.2kg	B - T1	14Ω	1.8A	N/A	350A	10
BEL060100	6V	10Ah	151mm	50mm	94mm	1.67kg	B - T1	10Ω	4A	N/A	500A	10
BEL060120	6V	12Ah	151mm	50mm	94mm	1.85kg	B - T1	10Ω	4.8A	N/A	600A	10
BEL120013	12V	1.2Ah	97mm	43mm	52mm	0.55kg	E - T1	95Ω	0.48A	N/A	60A	15
BEL120022	12V	2.3Ah	178mm	35mm	61mm	0.85kg	B - T1	55Ω	0.92A	N/A	80A	20
BEL120033	12V	3.2Ah	134mm	67mm	61mm	1.3kg	E - T1	68Ω	1.28A	N/A	160A	10
BEL120050	12V	5Ah	90mm	70mm	101mm	1.8kg	B - T1	34Ω	2A	N/A	250A	10
BEL120060	12V	6.5Ah	151mm	65mm	94mm	1.9kg	D - T2	25Ω	2.5A	N/A	315A	4
BEL120072	12V	7Ah	151mm	65mm	93.5mm	2.2kg	D - T1	18Ω	1.7A	N/A	380A	8
BEL120100	12V	10Ah	151mm	98mm	95mm	3.25kg	Faston	30Ω	4A	N/A	500A	4
BEL120120	12V	12Ah	151mm	98mm	95mm	3.67kg	D - T2	17Ω	4.8A	N/A	600A	4
BEL120170	12V	17Ah	181mm	77mm	167mm	5.5kg	M5	16Ω	5.1A	N/A	850A	2
BEL120180	12V	17Ah	181mm	77mm	167mm	5.3kg	C - M5	16.5Ω	6.8A	144A	850A	2
BEL120260A	12V	26Ah	165mm	170mm	125mm	7.6Kg	C - M5	6.5Ω	6.5A	228A	900A	1
BEL120330A	12V	33Ah	195mm	130mm	155mm	11kg	B-M6	10Ω	9.9A	258A	850A	1
BEL120400	12V	40Ah	197.5mm	165.5mm	170mm	14.7kg	M6	9.5Ω	12A	N/A	900A	1
BEL120450	12V	47.4Ah	197.5mm	165.5mm	170mm	14.6kg	C-M6	7.5Ω	13.5A	345A	1050A	1
BEL120550	12V	55Ah	229mm	138mm	208mm	18.5kg	B - M5	5.8Ω	16.5A	466A	1400A	1
BEL120650	12V	65Ah	350mm	167mm	179mm	20.4kg	M6	5.5Ω	26A	N/A	1700A	1
BEL120750	12V	75Ah	258mm	166mm	206mm	23.5Kg	M - M6	5.7Ω	22.5A	557A	1800A	1
BEL120900	12V	90Ah	306mm	169mm	210mm	30kg	B - M6	5.2Ω	27A	680A	2000A	1
BEL121100	12V	100Ah	330mm	171mm	214mm	32kg	B - M8	4Ω	27A	804A	3000A	1
BEL121200	12V	120Ah	410mm	176mm	224mm	36.5kg	B - M8	3Ω	30A	877A	3300A	1
BEL121350	12V	134Ah	341mm	173mm	283mm	40kg	B - M8	2.73Ω	35A	965A	3750A	1
BEL121500	12V	150Ah	482mm	170mm	240mm	44.8kg	B - M8	2.5Ω	38A	1014A	4200A	1
BEL121600	12V	175Ah	530mm	209mm	215mm	55.5kg	E - M8	2Ω	40A	1021A	4700A	1
BEL122300	12V	230Ah	520mm	269mm	203mm	72.6kg	E - M8	<2Ω	57A	1057A	5900A	1

T1 = Faston Tab No.187 (4.8m)

T2 = Faston Tab No.250 (6.3mm)

NB: Total height does not allow for terminal bolt when screwed into battery terminals (Relevant for screw terminal batteries)

