

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)

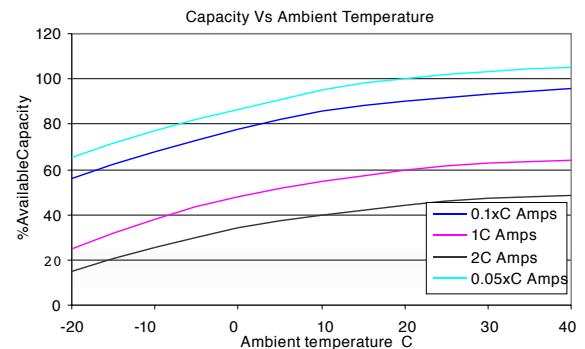
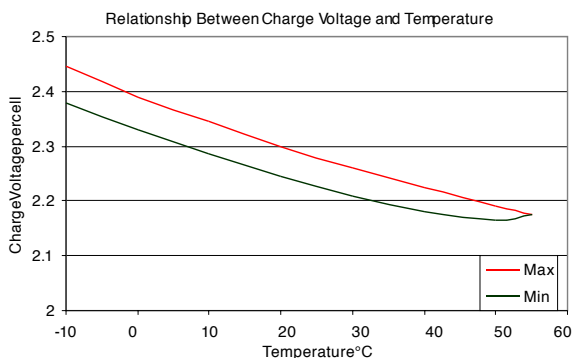
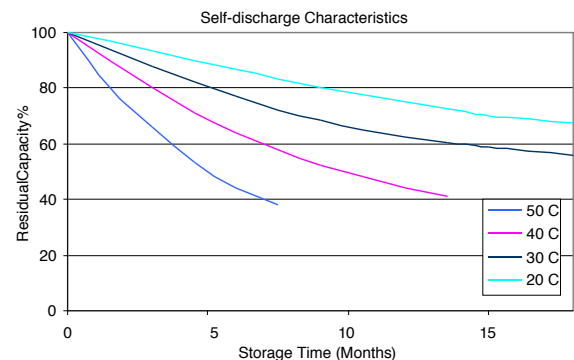
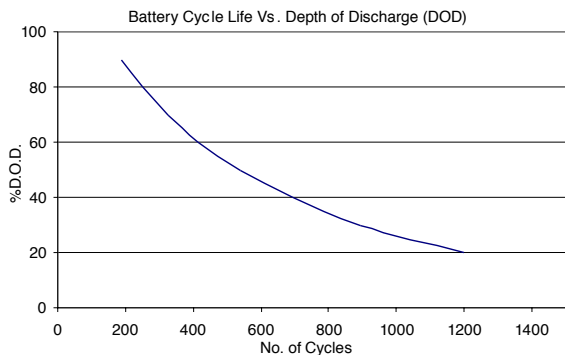
SPECIFICATION

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



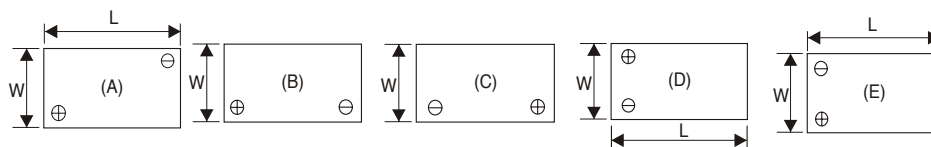
BATTERIES

	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	1.3Ah	98mm	25mm	52mm	0.32kg	B - T1	70Ω	0.35A	N/A	56A	40
BEL060032	6V	3.2Ah	134mm	34mm	60mm	0.7kg	B - T1	30Ω	0.8A	N/A	128A	20
BEL060045	6V	4.5Ah	70mm	48mm	101mm	0.77kg	A - T1	20Ω	1.1A	N/A	176A	20
BEL060072	6V	7.2Ah	150mm	34mm	94mm	1.27kg	B - T1	13Ω	1.8A	N/A	288A	10
BEL060100	6V	10Ah	151mm	50mm	93.5mm	1.67kg	B - T1	10Ω	2.5A	N/A	400A	10
BEL060120	6V	12Ah	151mm	50mm	93.5mm	1.85kg	B - T2	10Ω	3A	N/A	480A	10
BEL120013	12V	1.3Ah	96.5mm	45mm	53mm	0.57kg	E - T1	130Ω	0.4A	N/A	64A	15
BEL120022	12V	2.3Ah	177.5mm	34mm	60mm	0.96kg	B - T1	90Ω	0.6A	N/A	96A	20
BEL120033	12V	3.3Ah	133.5mm	67mm	61mm	1.39kg	E - T1	60Ω	0.9A	N/A	144A	10
BEL120050	12V	5Ah	90mm	70mm	101mm	1.95kg	B - T1	40Ω	1.3A	N/A	208A	10
BEL120060	12V	6Ah	150mm	64mm	98mm	1.9kg	D - T2	20Ω	3A	N/A	480A	4
BEL120072	12V	7.2Ah	151mm	65mm	94mm	2.3kg	D - T1	28Ω	1.7A	N/A	272A	8
BEL120120	12V	12Ah	150mm	97mm	98mm	3.67kg	D - T2	20Ω	3A	N/A	480A	4
BEL120180	12V	18Ah	181mm	76mm	167mm	5.45kg	C - M5	11Ω	4.5A	144A	732A	2
BEL120260	12V	26Ah	178mm	168mm	124mm	8kg	C - M5	6.5Ω	6.5A	228A	900A	1
BEL120260A	12V	24Ah	165mm	173mm	125mm	8.3Kg	C - M5	6.5Ω	6.5A	228A	900A	1
BEL120330	12V	33Ah	195mm	130mm	160mm	10.4kg	B - M6	7Ω	8A	258A	1100A	1
BEL120330A	12V	33Ah	195mm	130mm	168mm	11kg	B - M6	7Ω	8A	258A	1100A	1
BEL120440	12V	42Ah	198mm	167mm	157mm	13.3kg	C - M6	6.2Ω	11A	345A	1400A	1
BEL120450	12V	45Ah	198mm	166mm	170mm	14.6kg	C - M6	6.2Ω	11A	345A	1400A	1
BEL120550	12V	55Ah	229mm	138mm	213mm	18.5kg	B - M6	6.5Ω	14A	466A	1700A	1
BEL120700	12V	68Ah	260mm	168mm	211mm	24.3kg	B - M6	5Ω	18A	557A	2100A	1
BEL120750	12V	75Ah	258mm	166mm	225mm	23.5kg	M - M6	5Ω	18A	557A	2100A	1
BEL120800	12V	78Ah	260mm	168mm	211mm	25.8kg	B - M6	5Ω	20A	664A	2400A	1
BEL120900	12V	90Ah	306mm	168mm	211mm	29kg	B - M6	4Ω	22A	680A	2650A	1
BEL121000	12V	97Ah	306mm	168mm	211mm	28.8kg	B - M6	4Ω	25A	751A	2900A	1
BEL121100	12V	109Ah	329mm	173mm	209mm	32.5kg	B - M6	4Ω	27A	804A	3000A	1
BEL121200	12V	120Ah	408mm	176mm	227mm	36.5kg	B - M6	3Ω	30A	877A	3300A	1
BEL121350	12V	141Ah	340mm	173mm	283mm	40.6kg	B - M6	2.73Ω	35A	965A	3750A	1
BEL121500	12V	150Ah	482mm	170mm	242mm	44kg	B - M6	2.5Ω	38A	1014A	4200A	1
BEL121600	12V	167Ah	530mm	209mm	214mm	55kg	E - M6	2Ω	40A	1021A	4700A	1
BEL122000	12V	204Ah	520mm	240mm	220mm	60.9kg	E - M8	<2Ω	50A	1027A	5400A	1
BEL122300	12V	230Ah	521mm	269mm	203mm	74kg	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)



+44 (0)1638 716101
info@camdenboss.com
www.camdenboss.com

We operate a constant improvement policy,
our products are subject to change without notice.

Ver 1.0 Iss 5

CAMDENBOSS
ELECTRONICS & ENCLOSURES

PCB
TERMINAL
BLOCKS

INTER-
CONNECTION

FUSES &
FUSE-
HOLDERS

LEDs &
INDICATORS

MINIATURE
SWITCHES

LIMIT &
SAFETY
SWITCHES

CONTROL
PRODUCTS

INTERFACE
MODULES &
SUPPORTS

RELAY
BASES

ENCLOSURES

BATTERIES

TRANS-
FORMERS