

BATTERIES

Gelled Electrolyte Batteries

High performance sealed valve regulated recombinant batteries. Ideal for repeated cycling, heavy deep-discharge, high temperature and motive power applications.

- Utilises the latest battery technology
- Completely maintenance free, no need to add water
- Spill and leak-proof, multi-position usage
- Low self-discharge, long storage life
- Gelled thixotropic electrolyte
- Increased durability and deep cycle ability
- Valve regulated to 2.5psi max
- No equalization charge necessary
- Zero stratification
- Vibration and shock-resistant
- High deep-discharge capability
- Wide range of operating temperatures, resistant to freezing
- Total height does not allow for terminal bolt when screwed into battery terminals (Relevant for screw terminal batteries)

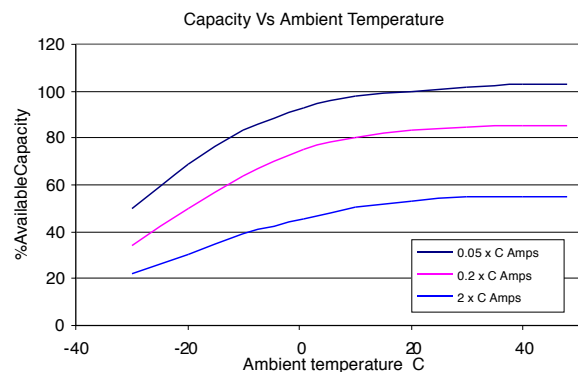
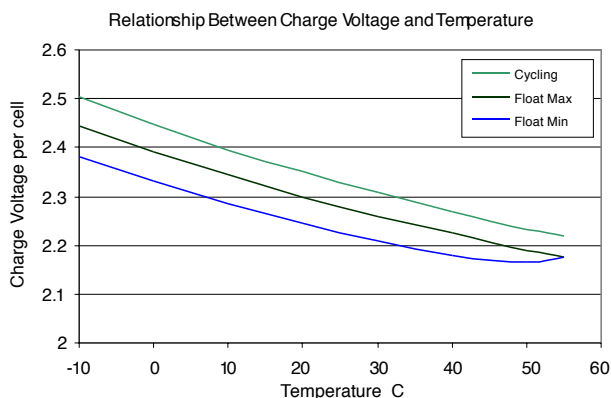
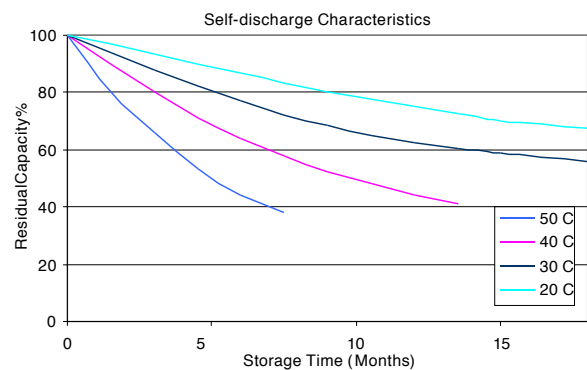
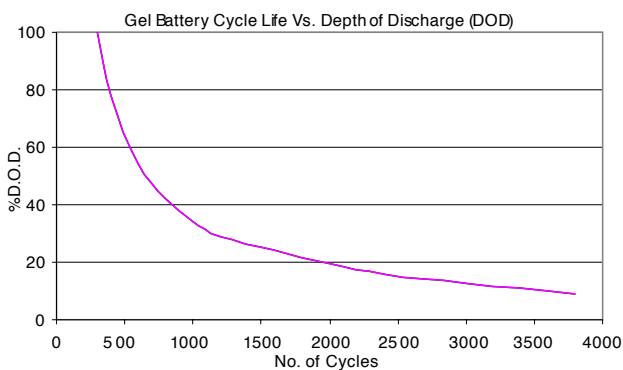


SPECIFICATION

Nominal Voltage	6V & 12V
Battery life	12 Years
Operating temperature	-20°C to 50°C
Grid alloy	Calcium/Tin lead alloy
Plates	Flat pasted
Separator	Microporous Duroplastic
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
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
- Residential
- Refrigeration
- Telecommunications
- Wind
- Engine starting
- Water pumping
- Road side cabinets
- Cellular radio stations
- Cathodic protection
- Photovoltaic
- Portable medical equipment
- Navigation aids



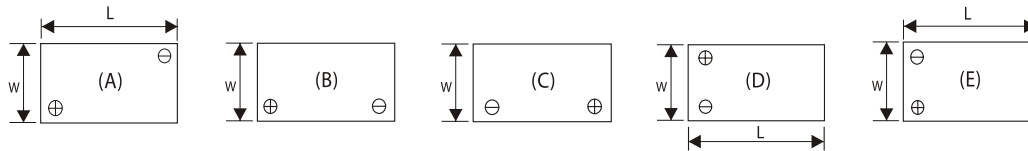
BATTERIES

	NOMINAL VOLTAGE	NOMINAL CAPACITY	LENGTH	WIDTH	HEIGHT	WEIGHT	TERMINAL DETAILS	INTERNAL RESISTANCE	CHARGE CURRENT MAX	CCA AT 0°C	SHORT CIRCUIT	QTY PER BOX
BEG060075	6V	7Ah	150mm	34mm	96mm	1.3kg	B - T1	13mΩ	1.5A	N/A	275A	10
BEG060100	6V	10Ah	151mm	50mm	96mm	1.9kg	B - T1	10mΩ	2A	N/A	325A	10
BEG060120	6V	12Ah	151mm	50mm	96mm	2kg	B - T2	10mΩ	2.4A	N/A	500A	10
BEG061100	6V	110Ah	282mm	168mm	205mm	16kg	A - M6	4mΩ	27A	1010A	3200A	1
BEG061600	6V	174Ah	298mm	171mm	226mm	26kg	A - M6	2mΩ	40A	1290A	4600A	1
BEG062000	6V	197Ah	318mm	178mm	225mm	31kg	A - M8	<2mΩ	50A	1600A	5000A	1
BEG120075	12V	7.5Ah	151mm	65mm	96mm	2.5kg	D - T1	28mΩ	1.5A	N/A	275A	8
BEG120120	12V	12Ah	150mm	97mm	98mm	4kg	D - T2	20mΩ	2.4A	N/A	500A	4
BEG120180	12V	16Ah	181mm	76mm	167mm	5.9kg	C - M5	12mΩ	4.5A	270A	700A	2
BEG120180A	12V	16Ah	181mm	76mm	167mm	5.9kg	C - M5*	12mΩ	4.5A	270A	700A	2
BEG120260	12V	26Ah	166mm	176mm	126mm	8.8kg	C - M5	9.5mΩ	6.5A	300A	900A	1
BEG120330	12V	32Ah	195mm	130mm	160mm	10.9kg	B - M6	8.5mΩ	8A	320A	1100A	1
BEG120330A	12V	33Ah	195mm	130mm	168mm	11kg	B - M6	8.5mΩ	8A	320A	1100A	1
BEG120440	12V	40Ah	197mm	165mm	170mm	14kg	C - M6	7.5mΩ	11A	350A	1400A	1
BEG120450	12V	45Ah	197mm	165mm	173mm	14.6g	C - M6	7.5mΩ	11A	350A	1400A	1
BEG120550	12V	55Ah	228mm	167mm	207mm	17.5kg	B - M6	6.5mΩ	14A	380A	1700A	1
BEG120700	12V	67Ah	259mm	168mm	208mm	21.5kg	C - M6	5mΩ	18A	550A	2100A	1
BEG120800	12V	77Ah	259mm	168mm	208mm	23.3kg	B - M6	5mΩ	20A	620A	2400A	1
BEG120900	12V	85Ah	305mm	168mm	208mm	27kg	B - M6	4mΩ	22A	680A	2650A	1
BEG121000	12V	91Ah	305mm	168mm	208mm	28.4kg	B - M6	5mΩ	25A	780A	2900A	1
BEG121100	12V	106Ah	332mm	174mm	213mm	32.2kg	B - M6	4mΩ	27A	960A	3000A	1
BEG121200	12V	115Ah	408mm	176mm	227mm	35.4kg	B - M6	3mΩ	30A	1020A	3300A	1
BEG121350	12V	138Ah	340mm	173mm	280mm	39.8kg	C - M6	2.5mΩ	35A	1160A	3750A	1
BEG121500	12V	156Ah	482mm	170mm	242mm	44.3kg	B - M6	2mΩ	38A	1300A	4200A	1
BEG121600	12V	157Ah	530mm	209mm	214mm	57.4kg	E - M6	2mΩ	40A	1440A	4700A	1
BEG122000	12V	200Ah	522mm	238mm	223mm	65kg	E - M8	<36mΩ	50A	1670A	5400A	1
BEG122300	12V	225Ah	193mm	269mm	203mm	71kg	E - M8	<2mΩ	57A	1870A	5900A	1

T1 = Faston Tab No.187 (4.8mm) T2 = Faston Tab No.250 (6.3mm)

* = BEG120180A has a horizontal maintained M5 terminal

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

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