

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)

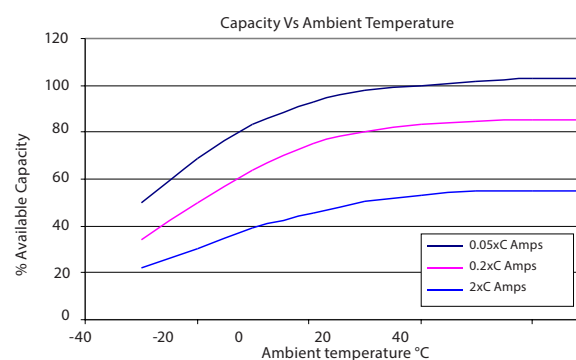
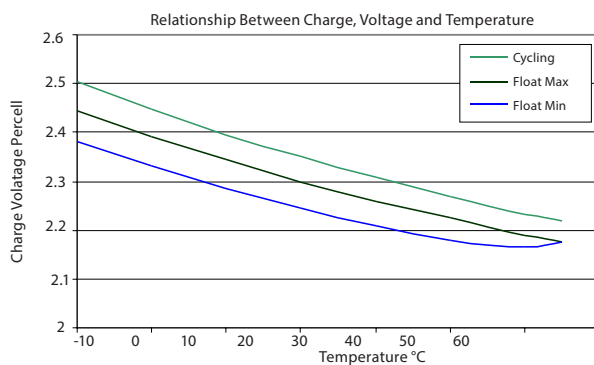
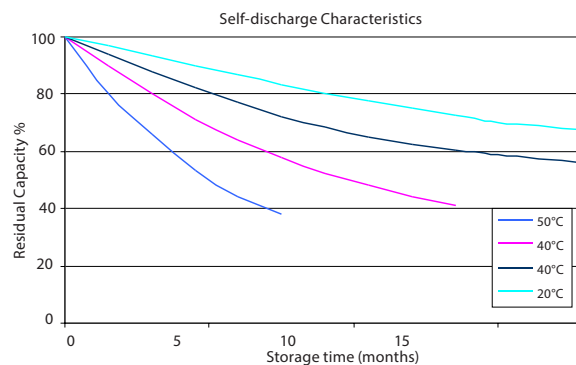
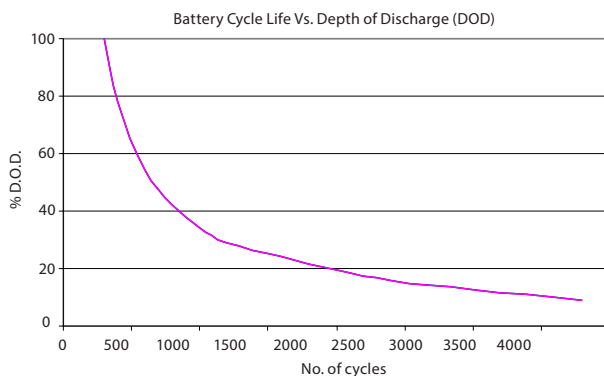


SPECIFICATION

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
- Roadside cabinets
- Cellular radio stations
- Cathodic protection
- Photovoltaic Panels
- Portable medical equipment
- Navigation aids



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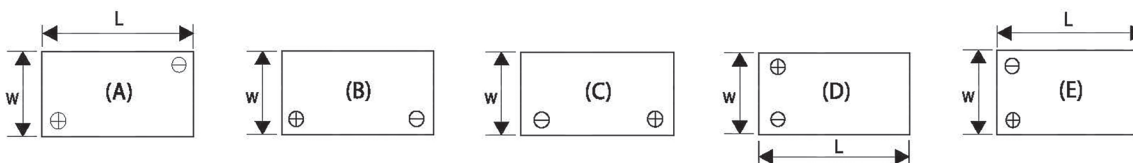
	NOMINAL VOLTAGE	NOMINAL CAPACITY	LENGTH	WIDTH	HEIGHT	WEIGHT	TERMINAL DETAILS	INTERNAL RESISTANCE	CHARGE CURRENT MAX	CCA AT 0°C	SHORT CIRCUIT	QTY PER BOX
BEG060075	6V	6.5Ah	151mm	34mm	94mm	1.2kg	B - T1	14mΩ	1.5A	N/A	350A	10
BEG060100	6V	10Ah	151mm	34mm	94mm	1.67kg	B - T1	10mΩ	4A	N/A	500A	10
BEG060120	6V	12Ah	151mm	50mm	94mm	1.85kg	B - T2	10mΩ	4.8A	N/A	600A	10
BEG120075	12V	8Ah	151mm	65mm	94mm	2.5kg	D - T1	20mΩ	3.2A	N/A	400A	8
BEG120120	12V	12Ah	151mm	98mm	95mm	4.4kg	D - T2	16mΩ	4.8A	N/A	600A	4
BEG120180	12V	17Ah	181mm	77mm	167mm	5.5kg	C - M5	16mΩ	6.8A	270A	850A	2
BEG120180A	12V	18Ah	181mm	77mm	167mm	5.7kg	C - M5*	16.5mΩ	5.1A	270A	850A	2
BEG120260	12V	24Ah	166mm	175mm	125mm	8.1kg	C - M5	12mΩ	9.6A	300A	1200A	1
BEG120330A	12V	33Ah	195mm	130mm	155mm	11kg	B - M6	10mΩ	9.9A	320A	850A	1
BEG120450	12V	45Ah	197mm	165mm	170mm	14.6g	C - M6	7.5mΩ	13.5A	350A	1050A	1
BEG120550	12V	55Ah	229mm	138mm	208mm	18.5kg	B - M6	5.8mΩ	14A	380A	1400A	1
BEG120700	12V	60Ah	258mm	166mm	206mm	24kg	C - M6	5mΩ	18A	550A	2100A	1
BEG120800	12V	75Ah	258mm	166mm	206mm	23.5kg	B - M6	5mΩ	20A	620A	2400A	1
BEG120900	12V	90Ah	306mm	169mm	210mm	30kg	B - M6	4mΩ	22A	680A	2650A	1
BEG121000	12V	90Ah	306mm	169mm	210mm	30kg	B - M6	5mΩ	25A	780A	2900A	1
BEG121200	12V	126Ah	410mm	176mm	227mm	38kg	B - M6	4.3mΩ	37.8A	1020A	2250A	1
BEG121500	12V	156Ah	482mm	170mm	240mm	47kg	B - M8	3.8mΩ	46.8A	1300A	2700A	1
BEG122000	12V	200Ah	520mm	238mm	218mm	65kg	E - M8	<36mΩ	50A	1670A	5400A	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)



Note:

These batteries should not be discharged lower than 10.5 volts (12 volt battery) and 5.2 volts (6 volt battery).

If batteries are discharged lower than these voltages, permanent damage may be caused. Batteries not in use should be regularly re charged to ensure they stay above the minimum discharged voltage.