

BATTERIES

Electric Vehicle Batteries

High performance sealed non-spillable maintenance free valve regulated recombinant batteries. Deep cycles batteries designed to deliver maximum capacity within five cycles, ideal for use in electric vehicles

- Absorbent glass mat construction
- Completely maintenance free, no need to add water
- Spill and leak-proof, multi-position usage
- High deep-discharge capability
- Exceptional durability and deep cycle ability
- Ideal for repeat cycling
- Excellent for long discharges
- Low self-discharge, long storage life
- Vibration and shock-resistant
- Threaded insert or faston terminals as standard
- Flag, automotive, J type, J type adapter terminals to order
- Total height does not allow for terminal bolt when screwed into battery terminals (Relevant for screw terminal batteries)

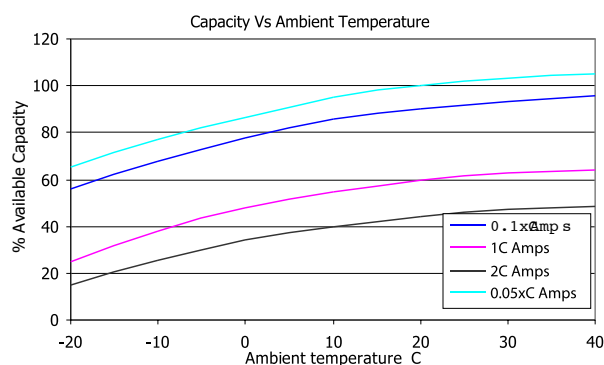
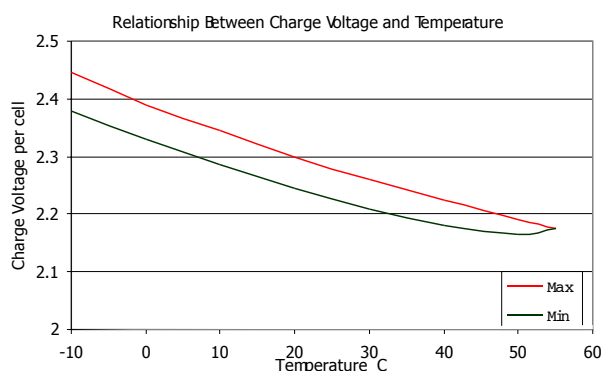
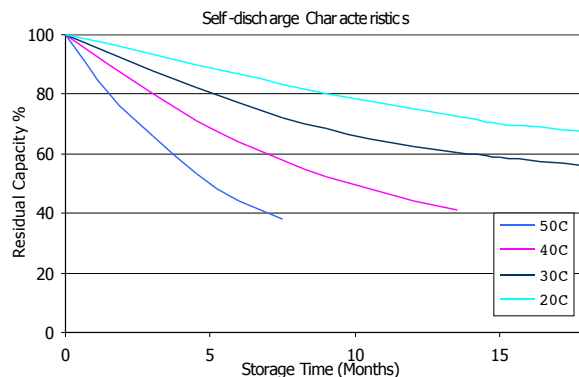
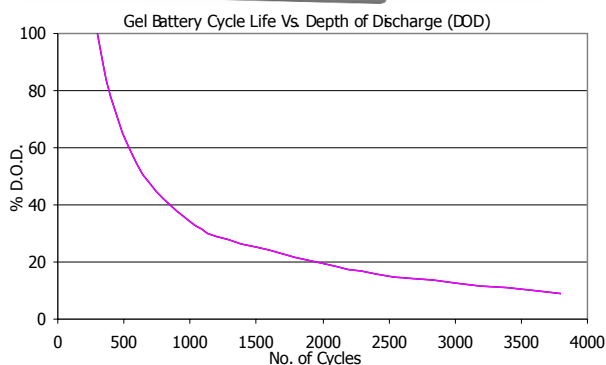


SPECIFICATION

Nominal Voltage	BEV061100-BEV062000	6V
	BEV120075-BEV123000	12V
Operating temperature	-10°C to 45°C	
Grid alloy	Calcium/Tin alloy	
Plates	Flat pasted	
Separator	Absorbent Glass Mat	
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 1 psi	
Terminals	Epoxy sealed	
Torque settings	5-7Nm	

Typical Applications:

- Electric Motorcycles
- Forklifts
- Golf carts
- Power tools
- Trolley motors
- Floor sweepers
- Mobility Scooters
- Wheelchairs
- Uninterruptible power supply



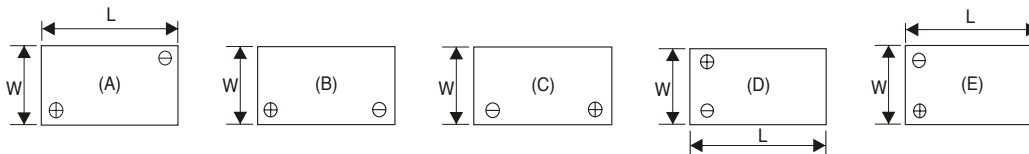
BATTERIES

	NOMINAL VOLTAGE	NOMINAL CAPACITY	LENGTH	WIDTH	HEIGHT	WEIGHT	TERMINAL DETAILS	CHARGE CURRENT MAX	CCA AT 0°C	SHORT CIRCUIT	QTY PER BOX
BEV061100	6V	115Ah	193mm	168mm	204mm	17.3kg	M8	27A	828A	1010A	1
BEV061600	6V	174Ah	298mm	171mm	226mm	26.8kg	M8	50A	1014A	5000A	1
BEV062000	6V	199Ah	323mm	178mm	226mm	30.5kg	M8	50A	1027A	5000A	1
BEV120075	12V	8Ah	150mm	63mm	95mm	3kg	D-T1	1.5A	-	275A	8
BEV120120	12V	12Ah	152mm	99mm	96mm	4kg	D-T2	2.4A	-	500A	4
BEV120180	12V	17Ah	181mm	76mm	167mm	5.5kg	M5	4.5A	144A	732A	2
BEV120260	12V	26Ah	168mm	178mm	124mm	8.1kg	M5	6.5A	228A	900A	1
BEV120330	12V	30Ah	196mm	131mm	160mm	10.3kg	M6	7A	258A	1100A	1
BEV120420	12V	40Ah	198mm	167mm	157mm	13.0kg	M6	11A	345A	1400A	1
BEV120550	12V	54Ah	229mm	138mm	213mm	18.6kg	M6	14A	466A	1700A	1
BEV120650	12V	77Ah	272mm	165mm	188mm	21.7kg	M8	20A	602A	2400A	1
BEV120700	12V	70Ah	349mm	168mm	175mm	21.2kg	M8	18A	557A	2100A	1
BEV120800	12V	82Ah	260mm	168mm	211mm	25.5kg	M8	22A	664A	2650A	1
BEV121000	12V	98Ah	306mm	168mm	211mm	29.6kg	M8	25A	751A	2900A	1
BEV121100	12V	107Ah	329mm	173mm	209mm	32.8kg	M8	27A	804A	3000A	1
BEV121200	12V	123Ah	409mm	177mm	225mm	36.4kg	M8	30A	877A	3300A	1
BEV121350	12V	149Ah	342mm	173mm	282mm	44.1kg	M8	38A	951A	4200A	1
BEV121500	12V	154Ah	483mm	170mm	242mm	46.0kg	M8	40A	965A	4700A	1
BEV121600	12V	164Ah	530mm	209mm	214mm	54.2kg	M8	50A	985A	5400A	1
BEV122000	12V	219Ah	522mm	242mm	220mm	63.8kg	M8	57A	1037A	5900A	1
BEV123000	12V	251Ah	521mm	270mm	205mm	70.2kg	M8	57A	1057A	5900A	1

T1 = Faston Tab No.187 (4.8mm)

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)



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-
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our products are subject to change without notice.

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