

MULTICELL

The Battery Specialists



Marine & Leisure

www.multicell.co.uk



FLOODED LEAD ACID



Wet or flooded (FLA) batteries require periodic topping up with electrolyte. This is the traditional technology for both starter and leisure batteries, it is readily available worldwide for various leisure applications and has been used for decades. When used in modern environments these batteries will normally only give you 70-80% of their rated capacity.

DETAILS

- Range has varying sizes from 85Ah to 220Ah.
- Can be used in all leisure environments.
- Our GP range is for general purpose use.
- Our DP range is for starting and domestic use.
- Magic eye indicator gives an indication of the state of charge (not fitted on all models).
- Suitable for deep discharge and charge cycles.

PROS AND CONS

- + This is the most widely used technology.
- + The most readily available technology.
- + An economical option.
- + Multicell brand carries the reassurance of our ISO9001:2008 quality management system ensuring continuity of quality.
- Not the most efficient.
- Acid spills can lead to corrosion.
- Batteries require constant maintenance.

WARRANTY, HANDLING AND MAINTENANCE

- All Multicell FLA leisure batteries come with a 2-year return to base warranty.
- Batteries must always be upright in a vented area and insulated.
- Voltage must not drop below 11v.

Part Number	Part No.	Ah@C20	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Warranty
Flooded Lead Acid DP/GP	FLA 85	85	255	173	208	18.5	2 Years
Flooded Lead Acid DP/GP	FLA 110	110	345	175	226	27	2 Years
Flooded Lead Acid DP/GP	FLA 135	135	345	175	277	35	2 Years
Flooded Lead Acid DP/GP	FLA 140	140	513	189	223	32	2 Years
Flooded Lead Acid DP/GP	FLA 180	180	513	223	223	42	2 Years
Flooded Lead Acid DP/GP	FLA 220	220	518	273	242	50	2 Years

SEALED FOR LIFE LEAD ACID

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This maintenance free product termed “Sealed for Life” uses flooded lead acid technology. It must be vented, meaning the box cannot be totally sealed. Extra chemicals are added to stop water usage within the battery; therefore, eliminating the need to top up or maintain.



DETAILS

- Range has varying sizes from 85Ah to 120Ah.
- Can be used in all leisure environments.
- Our GP range is for general purpose use.
- Our DP range is for starting and domestic use.
- Magic eye indicator gives an indication of the state of charge (not fitted on all models).
- Suitable for deep discharge and charge cycles.

PROS AND CONS

- + This is one of the most widely used technologies.
- + One of the most readily available technologies.
- + Maintenance free.
- Not the most efficient.
- Acid spills can lead to corrosion.

WARRANTY, HANDLING AND MAINTENANCE

- All Multicell SFL leisure batteries come with a 2-year return to base warranty.
- Batteries must always be upright in a vented area and insulated.
- Voltage must not drop below 11v.

Part Number	Part No.	Ah@C20	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Warranty
Sealed For Life DP/GP	SFL 85	85	260	169	225	19.5	2 years
Sealed For Life DP/GP	SFL 110	110	302	172	225	28	2 years
Sealed For Life DP/GP	SFL 120	120	328	172	240	30	2 years
Sealed For Life DP/GP	SFL 110LB	110	354	175	190	22.5	2 years
Sealed For Life DP/GP	SFL 100LBAGM	100	354	175	190	26.5	3 years



ABSORBED GLASS MAT



The *Absorbed Glass Mat* technology has the electrolyte absorbed in glass matt between the plates. The improvement this makes to both capacity and performance makes it ideal for most applications. This battery may be used in any orientation and will give 100% of the stated capacity.

DETAILS

- Range has varying sizes from 90Ah to 260Ah.
- Can be used in all leisure environments.
- Totally sealed.
- Maintenance free.
- May be used in any orientation.
- Voltage stability is maintained during discharge.
- More life cycles than a wet product.

PROS AND CONS

- ⊕ Actual capacities are more accurate than FLA and SFL.
- ⊕ Totally Maintenance free “fit and forget” technology.
- ⊕ Does not have to stand upright.
- ⊕ Totally sealed - no risk of acid spillage
- ⊕ 3-year warranty.
- ⊕ Safe transportation including air.
- ⊖ Requires a higher voltage charging regime than standard. FLA / SFL charging equipment would need to be adjusted.
- ⊖ Initial outlay costs are greater than FLA / SFL.

WARRANTY, HANDLING AND MAINTENANCE

- For specific charging details please seek our advice.
- All Multicell Marine AGM batteries carry a 3-year return to base warranty.
- Voltage must not drop below 11v

Part Number	Part No.	Ah@C20	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Warranty
Absorbed Glass Mat	AGM 90	90	260	169	213	23	3 years
Absorbed Glass Mat	AGM 110	110	306	169	210	26	3 years
Absorbed Glass Mat	AGM 125	125	328	174	220	33	3 years
Absorbed Glass Mat	AGM 160	160	341	172	287	47	3 years
Absorbed Glass Mat	AGM 200	200	530	209	222	54	3 years
Absorbed Glass Mat	AGM 230	230	522	240	240	60	3 years
Absorbed Glass Mat	AGM 260	260	527	279	208	69	3 years

MAXI LIFEPO4

Maxi



Longer Cycle Life

Offers up to 20 times longer cycle life and five times longer float/calendar life than lead acid batteries, helping to reduce total cost of ownership.

Light Weight

Around 40% lighter than SLA batteries.

Higher Power

Delivers twice the power of SLA batteries,

Wider Temperature Range

-20 C- 60 C

Superior Safety

Lithium Iron Phosphate chemistry eliminates the risk of explosion or combustion due to high impact, overcharging or short circuit situation.

Increased Flexibility

Modular design enables deployment of up to four batteries in series and up to ten batteries in parallel.

Description	Voltage	Ah	Length (mm)	Width (mm)	Height (mm)	Warranty
L100-12/100	12.8V	100	331	174	220	2 years
L100-12/150	12.8V	100	260	169	213	5 years
L120-12/150	12.8V	120	306	169	210	5 years
L120-12LB/150	12.8V	120	354	175	190	5 years
L140-12/150	12.8V	140	331	174	220	5 years



EXIDE LEISURE RANGE



Model	Voltage	Ah	Length (mm)	Width (mm)	Height (mm)	Warranty	NCC CAT
SFL80E ER350	12	80	270	173	222	3 years	NCC CAT - C
SFL95E ER450	12	95	306	173	222	3 years	NCC CAT - B
SFL115E ER550	12	115	345	175	235	3 years	NCC CAT - B
SFL120E ER600	12	120	349	175	285	3 years	NCC CAT - C
SFL140E ER660	12	140	513	189	223	3 years	NCC CAT - B



BANNER LEISURE RANGE



Model	Voltage	Ah	Length (mm)	Width (mm)	Height (mm)	Warranty	NCC CAT
95501	12	60	241	175	190	3 years	NCC CAT - C
95551	12	72	256	174	205	3 years	NCC CAT - C
95601	12	80	278	175	190	3 years	NCC CAT - C
95751	12	100	354	175	190	3 years	NCC CAT - B
95901	12	115	350	175	230	3 years	NCC CAT - B
96051	12	130	514	189	195	3 years	NCC CAT - C
96351	12	180	514	223	195	3 years	NCC CAT - B
96801	12	230	517	273	212	3 years	NCC CAT - B
57001	12	70	278	175	190	3 years	NCC CAT - C
58001	12	80	315	175	175	3 years	NCC CAT - C
59201	12	92	354	175	190	3 years	NCC CAT - A
60501	12	105	394	175	190	3 years	NCC CAT - A



VARTA LEISURE RANGE



Description	Voltage	Ah	Length (mm)	Width (mm)	Height (mm)	Warranty
LED60	12	60	242	175	190	2 year
LED70	12	70	278	175	190	2 year
LED80	12	80	315	175	190	2 year
LED95	12	95	353	175	190	2 year
LED140	12	140	513	189	223	2 year
LED190	12	190	513	223	223	2 year
LED240	12	240	518	276	242	2 year

MONOBLOCS



Description	Voltage	Ah	Length (mm)	Width (mm)	Height (mm)	Warranty
T105	6	225	264	181	284	2 years
T125	6	240	264	181	284	2 years
T145	6	260	264	181	292	2 years
T875	8	170	264	181	284	2 years
T1275	12	150	331	183	281	2 years
24TMX	12	85	286	171	248	2 years
27TMX	12	105	324	171	248	2 years
30XHS	12	130	355	171	248	2 years
640	12	120	330	172	238	2 years



VETUS BATTERIES



Description	Voltage	Ah	Length (mm)	Width (mm)	Height (mm)	Warranty
VEAGM60	12	60	242	175	190	3 year
VEAGM70	12	70	278	175	190	3 year
VEAGM90	12	90	353	175	230	3 year
VEAGM100	12	100	345	175	230	3 year
VEAGM140	12	140	513	189	223	3 year
VEAGM170	12	170	513	223	223	3 year
VEAGM185	12	185	514	274	242	3 year
VEAGM220	12	220	514	274	242	3 year
Description	Voltage	Ah	Length (mm)	Width (mm)	Height (mm)	Warranty
VESMF60	12	60	242	175	175	3 year
VESMF70	12	70	278	175	175	3 year
VESMF85	12	90	353	175	175	3 year
VESMF105	12	110	345	175	230	3 year
VESMF125	12	125	513	189	220	3 year
VESMF145	12	145	513	223	223	3 year
VESMF165	12	165	518	223	223	3 year
VESMF200	12	200	514	276	242	3 year
VESMF220	12	220	514	276	242	3 year



VETUS CHARGERS

Part Number	Charger Specification	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Warranty
BC12151	12v 15A	205	84	259	1.6	3 year
BC12252	12v 25A	205	84	259	1.7	3 year
BC12352	12v 35A	205	84	279	1.9	3 year
BC12503	12v 50A	237	90	288	3.1	3 year
BC12803	12v 80A	237	259	328	4	3 year
BC24122	24v 12A	205	84	259	1.6	3 year
BC24253	24v 25A	237	90	288	2.9	3 year
BC24403	12v 40A	237	90	328	3.9	3 year

INVERTERS & COMBIS



An *inverter* is used to convert battery DC voltage into mains AC voltage to allow the use of mains powered appliances in a portable environment. A *combi* is an inverter and charger combined. Pure Sine is used where a digital counter is required, such as a digital washing machine, microwave, clock, etc. Modified sine can be used for all other applications. Multicell stock a range of pure sine and modified sine inverters.

DETAILS

- Our Vetus Pure sine range of inverters are available in 600w to 3000w and in both 12 and 24v.
- Our Vetus Combis are available in 1500w and 3000w also in 12 and 24v.
- Our modified sine range are available from 75w to 3000w.
- The vetus inverters and combis are rated at the P60 rate, this makes them one of the leaders in power output.
- Having their output stated in watts not VA.
- Vetus units are not derated by temperatures under 70 degrees C.

WARRANTY, HANDLING AND MAINTENANCE

- 3-year return to base manufacturer's warranty.
- All units should be used in a dry and vented environment.

Part Number	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Warranty
Pure Sine Inverter 600W 12/24V	350	285	120	5.3	3 year
Pure Sine Inverter 1000W 12/24V	400	285	120	6.6	3 year
Pure Sine Inverter 1500W 12/24V	450	285	120	7.5	3 year
Pure Sine Inverter 2000W 12/24V	420	285	185	11	3 year
Pure Sine Inverter 3000W 12/24V	490	285	185	13	3 year
Pure Sine Combi 1500/70 12V	495	248	332	30	3 year
Pure Sine Combi 3000/120 12V	630	248	332	35	3 year
Pure Sine Combi 1500/40 24V	495	248	332	30	3 year
Pure Sine Combi 3000/70 24V	630	248	332	35	3 year



CHARGERS

Battery chargers come in two forms, mains AC powered and DC powered and each has their own specialist characteristics. The mains units operate from landline or a generator, being used mainly in static locations. The DC fed units are engine based, primarily for use when on the move.

DETAILS

- All our chargers are multistage and can be set to charge each form of lead acid technology.
- Our 12v mains charger range from 10A to 100A.
- Our 24v mains charger range from 7A to 50A.
- Our 12v alternator to battery charger range from 80A to 210A.
- Our 24v alternator to battery charger ranges from 60A to 200A.
- Our 12v battery to battery charger are 50A and 100A.
- Our 24v battery to battery charger is available in 50A.t.

WARRANTY, HANDLING AND MAINTENANCE

- All units should be used in a dry and vented environment.
- 1-Year Warranty.

Part Number	Length (mm)	Height (mm)	Weight (kg)
Mains 3 stage 12V 10A Battery Charger	165	105	55
Mains 3 stage 12V 20A Battery Charger	195	120	55
Mains 3 stage 12V 30A Battery Charger	290	145	70
Mains 3 stage 12V 45A Battery Charger	340	220	110
Mains 3 stage 24V 7A Battery Charger	165	100	54
Mains 3 stage 24V 12A Battery Charger	220	115	60
Mains 3 stage 24V 23A Battery Charger	340	220	110
Mains 3 stage 24V 50A Battery Charger	330	210	200
Sterling Pro Digital AB1280 Alternator to Battery	250	180	70
Sterling Pro Digital AB12130 Alternator to Battery	250	180	70
Sterling Pro Digital AB12160 Alternator to Battery	250	280	70
Sterling Pro Digital AB12210 Alternator to Battery	250	280	70
Sterling Pro Digital AB2480 Alternator to Battery	270	180	80
Sterling Pro Digital AB24100 Alternator to Battery	250	280	70
Sterling Pro Digital AB24200 Alternator to Battery	370	288	70
Sterling Pro Digital BB1230 Battery to Battery	190	160	50
Sterling Pro Digital BB1260 Battery to Battery	190	160	70
Sterling Pro Digital BB2430 Battery to Battery	200	270	70
Sterling Pro Digital BB122435 Battery to Battery	470	250	90
Sterling Pro Digital BB241270 Battery to Battery	190	160	70

ACCESSORIES

Multicell stock and supply a large range of accessories. We have listed a brief selection, further products are available on request.



Accessories	
85Ah Battery Box	Remote Panel for Inverters 5m
110Ah Battery Box	Remote Panel for Inverters 10m
200mm Battery Leads	Remote Panel for Inverters 15m
500mm Battery Leads	Automatic Changeover Switch
1000mm Battery Leads	Key Isolator Switch
Battery Terminal Covers	Standard Isolator Switch
Ring Terminal 6, 8, 10mm	Base Fuse Holder
Reverse Terminal Extension Kit	Base Fuses (250A, 300A, 500A)
Expert 501 Monitoring System	

Part Number	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
Modified Inverter 75W 12V	183	185	55	0.25
Modified Inverter 500W 12V	230	110	65	2.5
Modified Inverter 1000W 12V	280	148	70	6.6
Modified Inverter 2000W 12/24V	360	265	90	8.03
Modified Inverter 3000W 12/24V	510	250	160	9.3

Multicell provide custom built battery packs and portable power solutions for most applications. Please contact us to discuss your individual requirements.

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