

ENDURANT



Gelled Electrolyte
Deep Cycle & Engine Start
Suitable Marine & Standby






GELMASTER

DISTRIBUTED & GUARANTEED BY HCB TECHNOLOGIES LIMITED

THE MOST TECHNOLOGICALLY ADVANCED POWER SOURCE AFLOAT

- Longer Deep Cycle Life • More Operating/Trolling Time
- Faster Recharge/Longer Life • Ideal for Remote Locations

 ENDURANT GELMASTER batteries offer many significant advantages over conventional liquid acid batteries. Because there is no liquid electrolyte to leak or spill out of the battery, the  ENDURANT GELMASTER, can easily be installed in hard to reach locations. There is no need to check fluid levels.

The  ENDURANT GELMASTER gelled construction also eliminates vibration damage to plates. It even works under water! Advanced engineering concepts and computer-controlled manufacturing techniques assure unbeatable performance.



**HCB TECHNOLOGIES OFFICIAL SUPPLIER
OF BATTERIES TO TEAM NEW ZEALAND**

DISTRIBUTED & GUARANTEED BY



100% NEW ZEALAND OWNED & OPERATED

ENDURANT

POWER THAT GOES THE DISTANCE



ENDURANT BATTERIES



Non-Spillable by DOT (Department of Transportation), ICAO (International Commercial Airline Organisation) and IATA (International Airline Transport Association) definitions



Advanced American Technologies and the use of the most modern computer aided design and manufacturing techniques combine to make Sealed Gel Batteries the new standard by which all other batteries will be judged ... and found lacking.

EXCLUSIVE GEL - TECH IMPROVEMENTS

Exclusive Gelled Electrolyte Formula

Gelled electrolyte won't spill, even if the battery is tipped upside down ... or cracked open. Therefore, you don't have to worry about messy acid spills or corrosion around the batteries or sensitive electronic equipment.

Exclusive Computerised Gel Mixing

Proper gel mixing is absolutely critical to battery life and performance. Inconsistent mixing means inconsistent life and performance. Sophisticated computer controls and a unique temperature controlled process assures superior gel consistency.

Exclusive Multi-staged Filling

Other manufacturers fill their gel batteries in a single step process using vibration to attempt to drive out air pockets. This system leaves voids and forms dead spots on the battery plates, reducing performance. The Hella Endurant GelMaster multistage vacuum process completely eliminates these power robbing dead spots by vacuuming each cell several times. This multi-step process assures peak performance of the battery plates.

Exclusive Tank Formed Plates

The power producing battery plates are charged or "formed" outside of the battery in an exclusive and unique tank formation process. This slower and more expensive process allows inspection of battery plate after charging to be certain that it is of the highest quality and completely formed...before they are used in the battery. Others do not take this extra step and do not have this extra opportunity to assure that only the highest quality plates are used in their batteries.

Exclusive Calcium/Copper Lead Alloy Grids

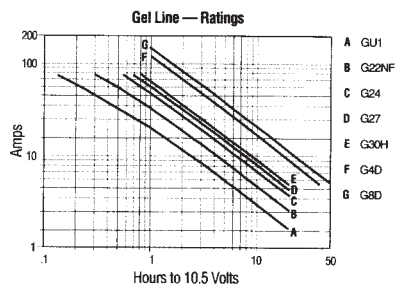
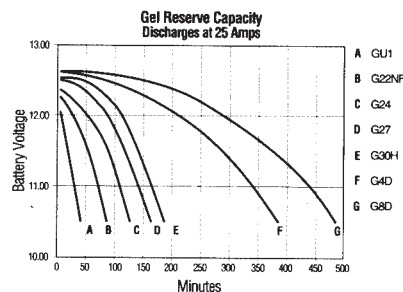
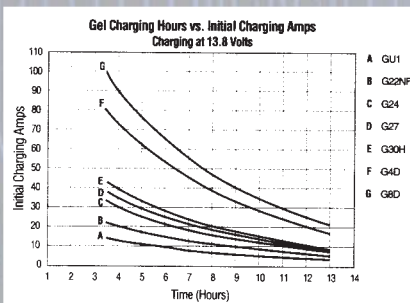
The lead alloy that is used to make the Hella Endurant GelMaster battery actually performs better than the competition. This lead alloy provides the benefit of lower self discharged for better off season storage, more power per pound of battery for more cranking amps and longer deep cycle running time, and superior corrosion resistance for longer battery life.

Exclusive Weld Seals

The Hella Endurant GelMaster seals each critical intercell weld, inside the battery. This feature dramatically reduces self discharge which extends off season storage time. This means that if you recharge your battery before storage, it will be ready to start or run when you are ready the next season.

Over 250 Quality Checks

One of the reasons that Hellamarine batteries can make these claims is because of all of the quality control checks and balances that are performed. Every single raw material and component that goes into the Hella Endurant GelMaster battery is sampled or checked to assure the user that the battery is the finest made.



HELLA ENDURANT Gel Cell Battery Specifications

Type	Voltage	Detail	Assy	Term	Length	Width	Height	Wght kg	CCA	A/hrs
GU1H	12v	D/C	R	LUG	211	130	184	11	215	32
G22NF	12v	D/C	L	D/F	238	140	235	18	245	51
G24	12v	D/C	R	UP	276	171	251	25	410	74
G27	12v	D/C	R	UP	324	171	251	29	505	87
G31DT	12v	D/C	C	UP	329	171	238	32	550	98
GC2	6v	D/C	L6	D/F	260	181	276	33	585	180
G4D	12v	D/C	3R	STD	527	216	254	60	1050	183
G8D	12v	D/C	3R	STD	527	279	254	73	1265	225

All ratings are after 15 cycles and conform to BCI specifications

Important Charging Instructions

Warranty void if opened or improperly charged. Constant under or overcharging will damage any battery and shorten its life! Use only a good constant potential, voltage regulated charger. For 12v batteries, charge to at least 13.8v but NO MORE THAN 14.4v @ 20C. For 6v batteries, charge to at least 6.9v but NO MORE THAN 7.2v @ 20C. Do not charge in a sealed container. Charging voltages must be temperature compensated - refer to HCB for details.



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