DATA SHEET VEAGM Batteries

First Issued: 2013-05-01

Battery	:	**SEALED ABSORBED GLASS MAT (AGM) MARINE BATTERY**
Application	:	**Power source for starting of combustion engines both for propulsion and for generator sets.** **Power source for bow and stern thrusters, anchor windlasses and pumps.** Power source for inverters.
Features	:	Maintenance free. Deep discharge. High cranking amperage. Low self discharge. Series connection for higher voltages possible. Parallel connection for higher capacities possible.
Nominal voltage	:	12 V
Electrolyte	:	Absorbed glass mat
Plate materials	:	Lead - calcium
Vent system	:	Pressure Relief Valve (VRLA)
Typical life span	:	7 to 10 years
Number of charge-discharge cycles	:	375 @ 80 % discharge
Self discharge	:	less than 3 % per month
Maximum installation angle	:	0°
Maximum angle in use	:	55°
Boost voltage	:	13.9 - 14.8 V
Float voltage	:	13.2 - 13.4 V @ 20° Celsius
Operating temperature range	:	?? to + ??° Celsius
STANDARDS	:	Non
APPROVED STANDARDS	:	No Lloyds or RINA approval.

Type	Capacity C20	Capacity C5	Cold Cranking Amps CCA (EN)	Reserve capacity at 25 A	Peukert's exponent (n)	Weight	
VEAGM60	60 Ah	43 Ah	530 A	103 min	1.32	16.5 kg	36.4 lbs
VEAGM70	70 Ah	50 Ah	680 A	125 min	1.32	19.3 kg	42.5 lbs
VEAGM90	90 Ah	67 Ah	800 A	175 min	1.27	25.2 kg	55.6 lbs
VEAGM100	100 Ah	75 Ah	760 A	210 min	1.26	29.2 kg	64.4 lbs
VEAGM140	140 Ah	115 Ah	1100 A	267 min	1.17	41.8 kg	92.2 lbs
VEAGM170	170 Ah	135 Ah	1300 A	336 min	1.20	49.0 kg	108.0 lbs
VEAGM185	185 Ah	155 Ah	1400 A	383 min	1.15	57.4 kg	126.5 lbs
VEAGM220	220 Ah	185 Ah	1500 A	496 min	1.14	60.0 kg	132.3 lbs

Capacity in accordance with EN 60 095-1(IEC 95)
Cold Cranking Amps (CCA) in acordance with EN 60 095-1
Reserve Capacity (RC) in accordance with EN 60 095-1(IEC 95)