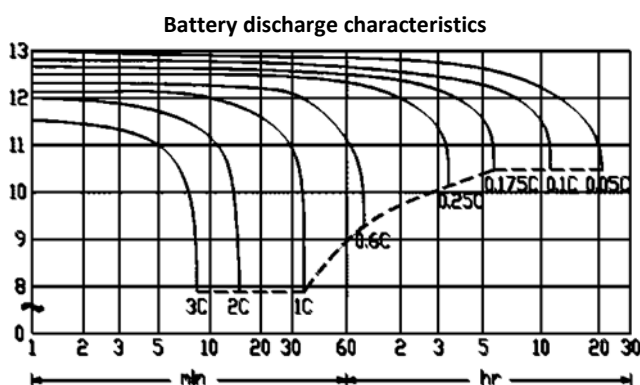
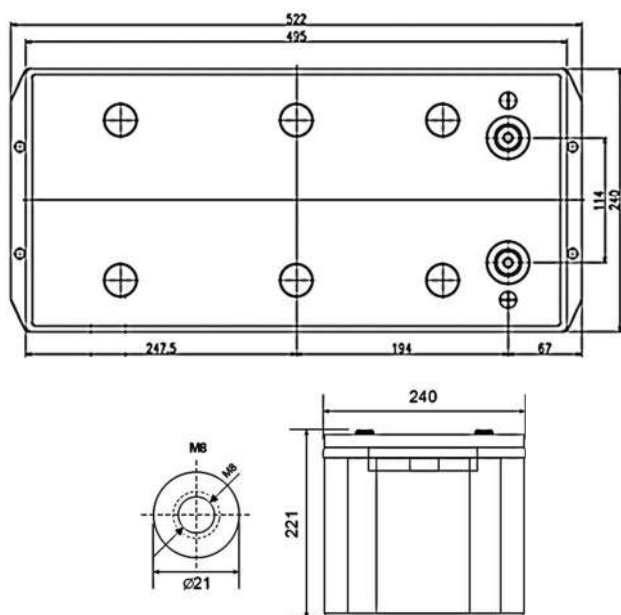


SHK210

12V VRLA BATTERY



VALVE REGULATED LEAD ACID BATTERIES – AGM

Nominal Voltage 12 V
Type AGM VRLA

Nominal Capacity
10 hours rate 210Ah
5 hours rate 200Ah
1 hour rate 149Ah
1C 98Ah

Weight 61.2kg

Internal Resistance 2.2mΩ@1kHz

Maximum Discharge Current for
5 sec. 1760A
Short Circuit 4400A

Operating Temperature Range
Charge -15°C ÷ 40°C
Discharge -15°C ÷ 50°C
Storage -15°C ÷ 40°C

Charge Retention (shelf life) at 20°C
1 month 98%
3 months 94%
6 months 88%

Charging Methods at 20°C
Max. Charging Current 84 A

Charging Voltage
Cycle use: 14.4 ÷ 15.0V
Standby use: 13.44 ÷ 13.62V
Thermal Coeff. Cycle/St.By -5.0/-3.0 mV/°C/cell

Life expectancy
Cycle Use
100% depth of discharge 400 cycles
50% depth of discharge 900 cycles
30% depth of discharge 1500 cycles
Standby Use 12 years Long Life (EUROBAT)

Case Material ABS UL94 HB

Terminal M8 Bolt
Torque value (Max.) 12Nm (15Nm)

Standards and Certifications: CE, IEC 62056-1, IEC 60896-21-1, IEC 60896-22-1, IEC 61000-6-1, IEC 61000-6-3, IEC 62485-2

Constant Power Discharge Characteristics (25°C) [Watt]

Cut Off	Time											
	5'	10'	15'	30'	1H	1.5H	2H	3H	4H	5H	10H	20H
11.1V	4 693	3 809	3 197	2 397	1 537	1 177	883	629	521	436	230	125
10.8V	5 393	4 191	3 467	2 568	1 631	1 233	910	645	534	446	234	126
10.5V	6 004	4 585	3 752	2 684	1 679	1 275	946	663	549	460	238	126
10.2V	6 588	4 847	3 875	2 722	1 703	1 290	955	669	554	464	242	127
10.0V	6 826	4 966	3 937	2 748	1 717	1 299	960	674	558	467	244	128
9.9V	7 063	5 084	3 998	2 773	1 730	1 307	964	678	561	469	246	129
9.6V	7 473	5 239	4 068	2 816	1 748	1 319	973	685	567	475	250	131

Due to continuous product improvement, the design and specifications are subject to change without prior notice.