

AGM battery, AA type

lifetime >10years

Description

- Valve regulated lead acid battery VRLA
- Positive and negative grid electrodes are made from high quality lead and calcium alloy
- Electrolyte is dilute sulphuric acid absorbed in active mass pores and in micro porosity separator
- Micro porosity separators are from soft glass fibre and ensure very low inside resistance and optimal electrolyte absorbability also
- Each cell has one-way safety pressure valve
- Preparedness to external gas diversion
- Safety fireproof equipment
- Produce as 6V and 12V blocks
- Operation temperature from - 20°C up to + 60°C
- Charging temperature from 0°C up to + 50°C
- Storage temperature from - 20°C up to + 60°C



Advantages

- High reliability and quality thanks to production process
- High energy density
- Reliable battery construction reduce battery blow, electrode deformation, ensure long lifetime and high performance also
- Valve regulated battery – designed for gas excess and keep internal pressure within the optimum range of safe, so the performance efficiency is higher
- Excellent recovery from deep battery discharging – thanks to special electrolyte additions and grid alloy
- Containers and lids are from ABS plastic – fire resistant, split resistant, so suitable for each electronic equipment
- Resistant to overloading, discharging, vibrations, collisions
- Suitable for using as permanent charging stationary battery
- High quality and reliability
- Easy maintenance

Electrical description

- Standby use with 20°C: 2,25 – 2,30V per cell
- Maintenance temperature compensation: -2.5mV/°C per cell
- Storing without charging: 3-6 months
- Quickly charging: 2,4±0,02 V per cell

Final discharging voltage V/cell	1.75V	1.70V	1.60V
Discharging current	(A) ≤ 0.2C	0.2C <(A) < 1.0C	(A) ≥ 1.0C

Applications

- Communication equipment
- Firefighting and safety systems
- Backup power – UPS
- Telecommunication systems
- Cash register
- Electronic test equipment
- Checking equipment
- Geophysical equipment
- Medical equipment
- Mobile film and lighting equipment
- Vendors
- Other backup systems
- Backup in energetic
- Power plants
- Marine equipment

Technical data

TYPE	Nomin. Voltage [V]	Capacity [Ah] C ₁₀ by 1,8V per cell	Dimensions[mm]				Weight [kg]	Outlet	Max current [A]		Internal resistance [mΩ]
			l	w	h1	h2			Disch.	Charg.	
AA6-100	6	100	194	170	205	210	16.5	F14	1000	30.0	2.0
AA6-150	6	150	260	180	247	250	23.5	F12	1500	45.0	2.0
AA6-180	6	180	306	168	222	227	26.5	F12	1800	54.0	3.0
AA6-200	6	200	322	177.5	226	247	29.0	F14/F16	2000	60.0	4.0
AA6-200S	6	200	260	180	247	252	30.0	F12	2000	60.0	4.0
AA6-225	6	225	322	177.5	226	247	31.0	F14/F16	2250	67.5	4.0
AA6-225S	6	225	243	187.5	275	275	32.0	F14	2250	67.5	4.0
AA12-33	12	33	195	130	159	180	10.2	F7/F11	330	9.9	9.0
AA12-38	12	38	198	166	171	171	12.8	F4/F11	380	11.4	8.0
AA12-40	12	40	198	166	171	171	13.0	F4/F11	400	12.0	8.0
AA12-45	12	45	198	166	171	171	13.5	F4/F11	450	13.5	8.0
AA12-55	12	55	229	138	210	235	18.0	F11/F15	550	16.5	6.0
AA12-60	12	60	260	169	210	235	20.5	F11/F15	600	18.0	6.0
AA12-65	12	65	350	167	180	183	21.0	F5/F11	650	19.5	6.0
AA12-70	12	70	350	167	180	183	22.5	F5/F11	700	21.0	6.0
AA12-70S	12	70	260	169	210	235	21.5	F11/F15	700	21.0	6.0
AA12-75	12	75	260	169	210	235	23.5	F11/F15	750	22.5	6.0
AA12-80	12	80	350	167	180	183	24.0	F5/F12	800	24.0	5.5
AA12-85	12	85	306.5	168.5	210	235	26.0	F12/F15	850	25.5	5.2
AA12-90	12	90	306.5	168.5	210	235	28.5	F12/F15	900	27.0	5.2
AA12-100	12	100	328	172	222	222	30.0	F5/F12	1000	30.0	5.0
AA12-100S	12	100	306.5	168.5	210	235	29.0.0	F12/F15	1000	30.0	4.8
AA12-120	12	120	407	177	225	225	35.0	F5/F12	1200	36.0	4.5
AA12-120S	12	110	328	172	222	222	32.0	F5/F12	1100	33.0	4.0
AA12-134	12	134	340	173	280	285	41.5	F5/F12	1340	40.2	4.5
AA12-145	12	145	340	173	280	285	44.0	F5/F12	1450	43.5	4.5
AA12-150	12	150	483	170	240	240	44.5	F5/F12	1500	45.0	4.0
AA12-160	12	160	530	209	214	219	50.0	F12/F16	1600	48.0	4.5
AA12-180	12	180	530	209	214	219	53.0	F12/F16	1800	54.0	4.0
AA12-200	12	200	522	240	219	240	60.0	F10/16	2000	60.0	4.0
AA12-225	12	225	522	240	219	240	65.0	F10/16	2250	67.5	3.8
AA12-230	12	230	521	269	203	208	67.0	F12	2300	69.0	4.0
AA12-240	12	240	522	240	219	240	69.0	F10/16	2400	72.0	3.8
AA12-260	12	260	520	268	220	225	74.0	F14	2600	78.0	3.5

S-special dimensions

