

UB AGM Small Capacity Series



Small Capacity Sealed Lead Acid AGM Battery

UPBattery UB series batteries are designed to have a large amount of stored current discharged between charging sessions, with very heavy non-porous battery plates to withstand repeated major discharging and charging cycle. The UPBattery durable AGM battery uses a different chemistry for the plates active paste material, and a slightly stronger electrolyte than normal battery electrolyte, thus the UB range features 30% higher cyclic life with 5 years of float life when compared to the standard Duration range.

Product Features

- 30% more cyclic life tUHRough innovation at the PAM additives
- Long life expectancy of 5 years in floating condition
- Thick flat plate with high Tin low Calcium alloy
- Wide operating temperature range from -20 ° C to 40 ° C
- 3% Low self-discharge rate
- Very good cycle performance: up to 700 cycles@50% DOD
- Excellent deep discharge recovery capability

Construction

- Positive plate - Thick high Sn low Ca grid with special paste
- Negative plate - Balanced Pb-Ca grid for improved recombination efficiency
- Separator - Advanced AGM separator for high pressure cell design
- Electrolyte - Dilute high purity sulfuric acid
- Battery container and cover - Fire resistance ABS, water proof
- Pillar seal - Two layers epoxy resin seal
- Relief valve - Complete with integrated flame arrestor

Standards

- IEC 60896-21/22:2004;
- IEC 61247-2014;
- DIN 43539-t5:1984;
- DIN 40742-1999;
- UB/T 22473-2008;
- Passed ISO9001,ISO4001
- OHSA18001,CE,UL and Golden Sun Certification

Applications

- UPS systems
- Emergency systems
- Electric Powered Vehicles
- Wheel Chairs
- Electric Powered Toys
- Medical Equipment
- Solar and Wind
- Golf Cars and Buggies
- Power Tools
- Control System



Main Parameters Table

Model	Nominal Voltage (V)	Capacity (Ah)	Dimension (mm)				Net Weight kgs	Gross Weight kgs	Terminal
			Length	Width	Height	Total Height			
UB6-4.0	6	4/20UHR	70	47	101	107	0.7	0.8	F1
UB6-4.5	6	4.5/20UHR	70	47	101	107	0.75	0.85	F1
UB6-5	6	5/20UHR	70	47	101	107	0.8	0.9	F1
UB6-7.0	6	7.0/20UHR	151	34	95	101	1.15	1.25	F1
UB6-10	6	10/20UHR	151	50	94	100	1.6	1.7	F1
UB6-12	6	12/20UHR	151	50	94	100	1.75	1.85	F1
UB12-4	12	4/20UHR	90	70	101	107	1.35	1.45	F1
UB12-4.5	12	4.5/20UHR	90	70	101	107	1.48	1.58	F1
UB12-5	12	5/20UHR	90	70	101	107	1.58	1.68	F1
UB12-6.5	12	6.5/20UHR	151	65	94	100	1.9	2	F2
UB12-7.0	12	7.0/20UHR	151	65	94	100	2.05	2.15	F1/F2
UB12-7.2	12	7.2/20UHR	151	65	94	100	2.15	2.25	F2
UB12-7.5	12	7.5/20UHR	151	65	94	100	2.2	2.3	F2
UB12-9	12	9/20UHR	151	65	94	100	2.4	2.5	F2
UB12-10	12	10/20UHR	152	99	96	102	3.2	3.3	F2
UB12-12	12	12/20UHR	152	99	96	102	3.5	3.6	F2
UB12-15	12	15/20UHR	152	99	96	102	3.8	3.9	F2
UB12-18	12	18/20UHR	181	77	167	167	5.2	5.4	L1
UB12-20	12	20/20UHR	181	77	167	167	6	6.2	L1
UB12-24	12	24/10UHR	166	126	174	174	7.7	7.9	M6
UB12-26	12	26/10UHR	166	175	126	126	8.3	8.5	M6
UB12-1.3	12	1.3/20UHR	97	43	52	58	0.56	0.66	M6
UB12-2.3	12	2.3/20UHR	178	35	61	67	0.9	1	M6



UB AGM Series



Durable AGM VRLA Batteries

UPBattery UB series batteries are designed to have a large amount of stored current discharged between charging sessions, with very heavy non-porous battery plates to withstand repeated major discharging and charging cycle. The UPBattery durable AGM battery uses a different chemistry for the plates active paste material, and a slightly stronger electrolyte than normal battery electrolyte, thus the UB range features 30% higher cyclic life with 10 years of float life when compared to the standard Duration range.

Product Features

- 30% more cyclic life through innovation at the PAM additives
- Long life expectancy of 10 years in floating condition
- Thick flat plate with high Tin low Calcium alloy
- Wide operating temperature range from -15 ° C to 45 ° C
- 3% Low self-discharge rate
- Very good cycle performance: up to 700 cycles @50% DOD
- Excellent deep discharge recovery capability

Construction

- Positive plate - Thick high Sn low Ca grid with special paste
- Negative plate - Balanced Pb-Ca grid for improved recombination efficiency
- Separator - Advanced AGM separator for high pressure cell design
- Electrolyte - Dilute high purity sulfuric acid
- Battery container and cover - Fire resistance ABS, water proof
- Pillar seal - Two layers epoxy resin seal
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Applications

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- Emergency systems
- Electric Powered Vehicles
- Wheel Chairs
- Electric Powered Toys
- Medical Equipment
- Solar and Wind
- Golf Cars and Buggies
- Power Tools
- Control System



Main Parameters Table

Model	Nominal Voltage (V)	Capacity (Ah)	Dimension (mm)				Net Weight kgs	Gross Weight kgs	Terminal
			Length	Width	Height	Total Height			
UB12-15	12	15/10UHR	152	99	96	102	3.8	4	F2
UB12-18	12	18/20UHR	181	77	167	167	5.2	5.4	L1
UB12-20	12	20/20UHR	181	77	167	167	6	6.2	L1
UB12-24	12	24/10UHR	166	126	174	174	7.7	7.9	M6
UB12-26	12	26/10UHR	166	175	126	126	8.3	8.6	M6
UB12-33	12	33/10UHR	196	130	155	167	10	10.3	M6
UB12-38	12	38/10UHR	198	166	172	172	12.3	12.6	M6
UB12-45	12	45/10UHR	198	166	174	174	13	13.3	M6
UB12-50	12	50/10UHR	229	138	208	212	15.5	16	M6
UB12-55	12	55/10UHR	229	138	208	212	16.2	16.7	M6
UB12-65	12	65/10UHR	350	167	178	178	20.5	21	M6
UB12-70	12	70/10UHR	350	167	178	178	21.5	22	M6
UB12-75	12	75/10UHR	260	169	211	215	21.7	22.2	M6
UB12-80	12	80/10UHR	260	169	211	215	23.5	24	M6
UB12-85A	12	85/10UHR	331	174	214	219	25	25.5	M6
UB12-90	12	90/10UHR	307	169	211	216	26.5	27	M6
UB12-100C	12	100/20UHR	307	169	211	216	26.5	27	M6
UB12-100B	12	100/10UHR	331	174	214	219	27.8	28.3	M8
UB12-100A	12	100/10UHR	331	174	214	219	29	29.5	M8
UB12-120	12	120/20UHR	407	173	210	233	33	33.5	M8
UB12-120A	12	120/10UHR	407	173	210	233	34	34.5	M8
UB12-135	12	135/10UHR	341	173	283	288	41	41.5	M8
UB12-150B	12	150/20UHR	484	171	241	241	41	41.5	M8
UB12-150A	12	150/10UHR	484	171	241	241	44	44.5	M8
UB12-160	12	160/10UHR	532	206	216	222	48.5	49	M8
UB12-180	12	180/10UHR	532	206	216	222	53	53.5	M8
UB12-200B	12	200/20UHR	522	240	219	225	55.3	55.8	M8
UB12-200A	12	200/10UHR	522	240	219	225	58.2	58.7	M8
UB12-230	12	230/10UHR	522	240	219	225	61	61.5	M8
UB12-250	12	250/10UHR	520	268	220	225	70	70.5	M8
UB12-300	12	300/10UHR	520	268	220	226	77	77.5	M8