

UHR Series



High Rate Discharged VRLA Batteries

High discharge rate AGM battery series is especially designed for heavy load discharge applications with 8 to15 years design life in float service. By using strong grids and specially designed active material the UHR series offers stable performance during high current discharge. The UHR series offers 30% more power output than the standard range. Suitable for UPS/EPS where high current loads are required.

Product Features

- Due to special and unique design, this electric power storage comes with high rate discharge performance, high specific power, and over 20% higher energy output than an ordinary battery.
- The industry battery employs unique corrosion resistant grid alloy and special electrolyte solution, thus keeping excellent low temperature performance and long service life.
- It is completely made from high purity materials, our AGM lead acid battery has nearly no self discharge, thus can put in stock long time.
- The UPBattery high rate battery adopts gas recombination technology, this power supply equipment boasts super high seal reaction efficiency and thereby generates no acid mist. Thus, it is environmentally friendly.
- The improve structure design and advance sealing technology ensures reliable seal, and so bringing clients high safety.

Applications

- Suitable for 19inch and 23inch power cabinet.
- Used in telecom system including exchange board, microwave station, mobile base station, data center, radio
- Great for power supply system of private network or LAN.
- Used as signal system battery and
- emergency lighting system battery.



Construction

- Structure: compact design,shorter internal connectors between cells, thus low internal reisistance
- Plate: Pasted flat type, with patent high rate formula of AM
- Terminal: two or more types terminals are convenient for selection
- Safety valve: flame arrester / filter is equipped with safety valve system;
- Separator: using improved AGM separator, makes lower resistance higher assembling pressure to increase deep cycle life;
- Battery case: made of high strength ABS(UL94-HB) and UL94-V0 is optional;
- Terminal sealing: double sealing techniUP(mechanical + epoxy gule).

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

Main Parameters Table

Model	Nominal Voltage (V)	Rated Capability (Ah) 10UHR	Dimension (mm)				Net Weight	Gross Weight	Terminal
			Length	Width	Height	Total Height	kgs	kgs	
UHR6-720W	6	190	260	180	247	252	30.8	30.9	M8
UHR12-85W	12	20	181	77	167	167	6.5	6.6	M6
UHR12-115W	12	28	165	126	174	174	8.7	8.8	M6
UHR12-145W	12	34	196	130	155	167	11	11.1	M6
UHR12-170W	12	42	198	166	174	174	13.8	14	M6
UHR12-300W	12	80	260	169	211	215	25	25.2	M6
UHR12-370W	12	95	307	169	211	216	31	31.5	M6
UHR12-420W	12	110	331	176	214	220	33.3	33.8	M8
UHR12-470W	12	135	407	174	210	233	39	39.5	M8
UHR12-520W	12	150	484	171	241	241	47	47.5	M8
UHR12-540W	12	155	328	182	267	272	46	46.5	M8
UHR12-680W	12	170	532	206	216	222	58.5	59	M8
UHR12-770W	12	220	522	240	219	225	67	67.5	M8
UHR12-800W	12	230	520	269	203	209	70	70.5	M8
UHR12-900W	12	260	520	269	220	226	79	79.5	M8

