



AGM Technology
ABT Enduro EHP Series

EHP2-1000

2V1000Ah(10hr)

Complying standards:

IEC60896-21/22:2004

BS 6290:4-1997

Eurobat Guide



ABT Enduro EHP range of VRLA lead acid batteries have been designed specifically for use in applications which demand the highest levels of security and reliability. With proven compliance to the most rigorous international standards.

Enduro EHP is recognized as premium battery for Telecom/IT, Power Utilities applications. Enduro's reputation for long service life combined with excellent high rate performance also makes it the number one choice for high integrity, high specification UPS systems.

Mechanical Characteristics

	SI Unit	EN Unit
Length	430mm	16.93inch
Width	173mm	6.81inch
Height	338mm	13.31inch
Total Height	347mm	13.66inch
Approx. Weight	60.3kg	132.66lbs

Type of material for container and lids:

ABS Standard (FV0 Optional)

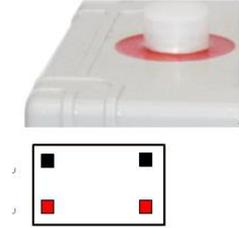
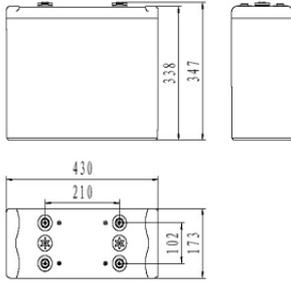
Product Characteristics

- 15 years life expectancy in float service at 68°F (20°C)
- Long life according to EUROBAT Classification
- High discharge performance;
- 99%+ gas recombination efficiency;
- Maximum charge efficiency;
- Low self-discharge rate;
- Six months shelf life at 20°C
- Easy installation and handling;

Performance Characteristics

- Rated voltage: 2V (1 cell)
- Rated capacity at 68°F (20°C)
 - 10h rate (100.0A, 1.80V) 1000Ah
 - 8h rate(120.0A, 1.75V) 960Ah
 - 1h rate(550A, 1.75V) 550Ah
- Internal resistance:
 - 0.14mΩ when fully charged at 68°F (20°C)
- Average self-discharge rate:
 - ≤1% per month 68°F (20°C)
- Maximum discharge current:
 - 5000A(5s) at 68°F (20°C)
- Working temperature range:
 - Discharge: -15~45°C
 - Charge: -10~45°C
 - Storage: -20~60°C
- Charging method:
 - with constant voltage at 68°F (20°C)
 - Maximum charge current: 200A
 - Temperature compensation: -3.5mV/°C/piece
 - Cycle use: 2.37 V/ piece
 - Standby use: 2.27 V/ piece

Dimensions/Terminal



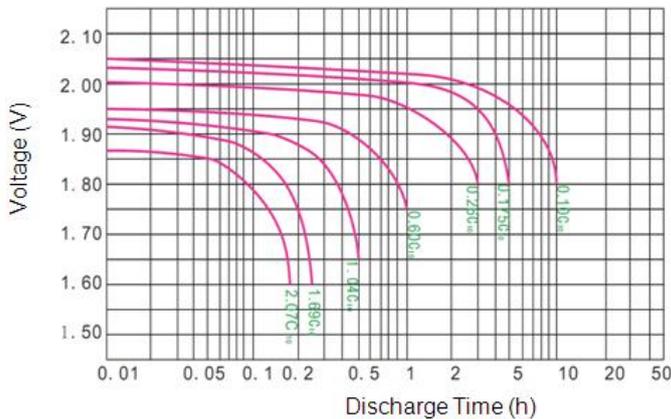
Constant Current Discharge Data (Ampere at 20°C/68 °F)

End Volt	5min	10min	15min	20min	30min	40min	50min	1h	1.5h	2h	3h	5h	8h	10h	24h
1.60	2100	1622	1342	1156	917	769	666	580	445	361	266	178	123	103	44.1
1.67	1845	1425	1194	1040	840	714	625	562	429	352	261	175	122	102	43.7
1.70	1743	1363	1148	1003	816	696	611	553	423	349	259	174	121	101	43.5
1.75	1525	1256	1081	956	788	677	598	550	416	342	255	172	120	101	43.3
1.80	1339	1162	1020	912	759	655	579	524	405	334	250	170	119	100	43.0

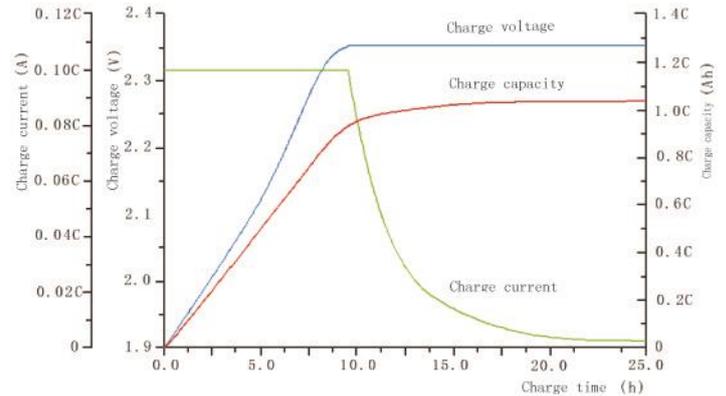
Constant Power Discharge Data (Watts per cell at 20°C/68 °F)

End Volt	5min	10min	15min	20min	30min	40min	50min	1h	1.5h	2h	3h	5h	8h	10h	24h
1.60	3060	2630	2218	1963	1545	1295	1146	1020	794	656	487	330	237	198	88.5
1.67	2646	2288	1961	1752	1387	1188	1060	971	754	625	469	322	233	194	86.7
1.70	2481	2188	1890	1693	1339	1157	1030	957	744	616	464	320	232	193	86.1
1.75	2223	2023	1762	1574	1256	1087	984	912	723	601	455	314	229	190	84.8
1.80	2043	1856	1614	1450	1177	1027	948	871	701	585	445	308	226	188	83.4

Discharge curve under different discharge rate



Charge capacity vs. charge time



Contact information

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ABT VRLA Battery: Available power range from 26Ah to 3000Ah.

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