



AGM Technology
ABT Enduro EHP Series

EHP2-2000

2V2000Ah(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	433mm	17.05inch
Width	342mm	13.46inch
Height	341mm	13.43inch
Total Height	351mm	13.82inch
Approx. Weight	120.0kg	264.0lbs

Type of material for container and lids:

ABS Standard (FV0 Optional)

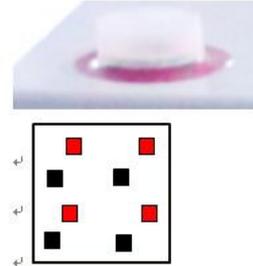
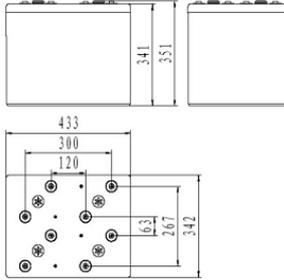
Product Characteristics

- 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 (200.0A, 1.80V) 2000Ah
 - 8h rate(240.0A, 1.75V) 1920Ah
 - 1h rate(1100A, 1.75V) 1100Ah
- Internal resistance:
 - 0.09mΩ when fully charged at 68°F (20°C)
- Average self-discharge rate:
 - ≤1% per month 68°F (20°C)
- Maximum discharge current:
 - 9000A(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: 400A
 - Temperature compensation: -3.5mV/°C/piece
 - Cycle use: 2.37 V/ piece
 - Standby use: 2.27 V/ piece

Dimensions/Terminal



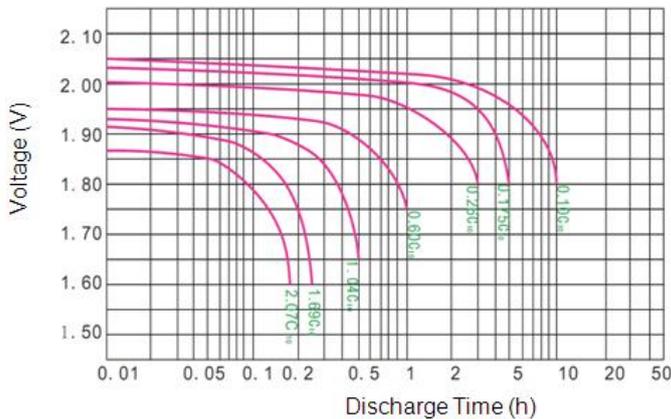
Constant Current Discharge Data (Ampere at 20°C/68 °F)

End Volt	5min	10min	15min	20min	30min	40min	50min	1h	1.5h	2h	3h	5h	8h	10h	24h
1.60	4200	3245	2685	2311	1834	1537	1331	1160	890	722	533	357	247	206	88.2
1.67	3689	2849	2388	2080	1681	1428	1250	1123	857	704	521	351	243	204	87.4
1.70	3486	2727	2295	2006	1631	1392	1223	1107	846	697	518	349	242	203	87.1
1.75	3050	2512	2161	1912	1576	1355	1195	1100	833	685	509	344	240	201	86.5
1.80	2677	2325	2040	1824	1517	1310	1158	1048	810	669	500	340	237	200	85.9

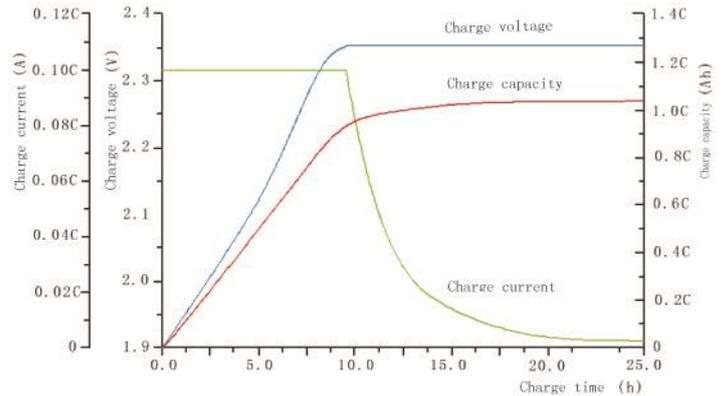
Constant Power Discharge Data (Watts per cell at 20°C/68 °F)

End Volt	5min	10min	15min	20min	30min	40min	50min	1h	1.5h	2h	3h	5h	8h	10h	24h
1.60	6120	5261	4435	3926	3090	2590	2291	2040	1588	1312	974	660	475	396	177
1.67	5292	4576	3922	3504	2774	2376	2119	1942	1508	1250	938	644	466	388	173
1.70	4962	4376	3780	3386	2679	2313	2061	1913	1488	1233	928	639	463	386	172
1.75	4446	4046	3523	3148	2511	2173	1968	1823	1446	1202	909	628	457	381	170
1.80	4086	3713	3228	2900	2355	2053	1897	1741	1402	1169	891	617	451	377	167

Discharge curve under different discharge rate



Charge capacity vs. charge time



Contact information

Advanced Battery Technology BV
 Add. New Yorkstraat 14 1175 RD Lijnden Amsterdam, Netherland
 Web: <http://www.abtbatt.com> Email: sales@abtbatt.com

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

Copy right ABT BV,
 all rights reserved.
 (Edition: Aug.,2018)