



AGM Technology
ABT Enduro EHP Series

EHP2-3000

2V3000Ah(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	629mm	24.76inch
Width	346mm	13.62inch
Height	341mm	13.43inch
Total Height	351mm	13.82inch
Approx. Weight	176.0kg	387.2lbs

Type of material for container and lids:

ABS Standard (FV0 Optional)

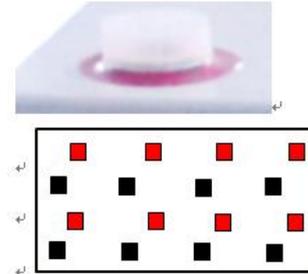
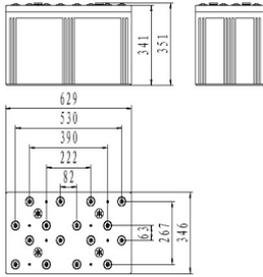
Product Characteristics

- 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 (300.0A, 1.80V) 3000Ah
 - 8h rate(360.0A, 1.75V) 2880Ah
 - 1h rate(1650A, 1.75V) 1650Ah
- Internal resistance:
 - 0.08mΩ when fully charged at 68°F (20°C)
- Average self-discharge rate:
 - ≤1% per month 68°F (20°C)
- Maximum discharge current:
 - 13000A(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: 600A
 - Temperature compensation: -3.5mV/°C/piece
 - Cycle use: 2.37 V/ piece
 - Standby use: 2.27 V/ piece

Dimensions/Terminal



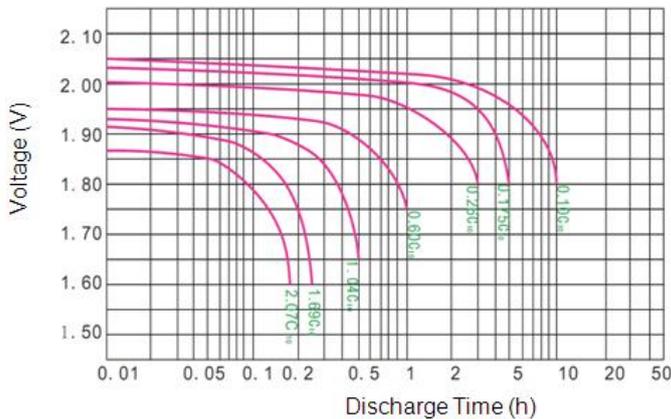
Constant Current Discharge Data (Ampere at 20°C/68 °F)

End Volt	5min	10min	15min	20min	30min	40min	50min	1h	1.5h	2h	3h	5h	8h	10h	24h
1.60	6300	4867	4027	3467	2752	2306	1997	1740	1335	1084	799	535	370	309	132
1.67	5534	4274	3582	3119	2521	2142	1875	1685	1286	1055	782	526	365	305	131
1.70	5230	4090	3443	3009	2447	2088	1834	1660	1269	1046	777	523	363	304	131
1.75	4575	3767	3242	2868	2364	2032	1793	1650	1249	1027	764	516	360	302	130
1.80	4016	3487	3060	2735	2276	1965	1737	1571	1214	1003	750	510	356	300	129

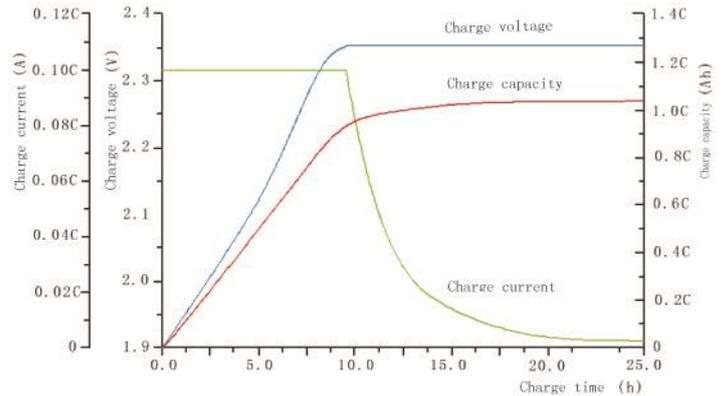
Constant Power Discharge Data (Watts per cell at 20°C/68 °F)

End Volt	5min	10min	15min	20min	30min	40min	50min	1h	1.5h	2h	3h	5h	8h	10h	24h
1.60	9180	7891	6653	5890	4634	3886	3437	3060	2382	1968	1462	990	712	595	265
1.67	7938	6863	5883	5255	4162	3565	3179	2913	2261	1875	1407	966	699	581	260
1.70	7443	6563	5670	5079	4018	3470	3091	2870	2232	1849	1393	959	695	579	258
1.75	6669	6069	5285	4722	3767	3260	2952	2735	2169	1803	1364	941	686	571	254
1.80	6129	5569	4842	4349	3532	3080	2845	2612	2103	1754	1336	925	677	565	250

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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