



AGM Technology  
 ABT Enduro EHP Series

## EHP2-600

2V600Ah(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	252mm	9.92inch
Width	175mm	6.89inch
Height	348.5mm	13.72inch
Total Height	357.5mm	14.07inch
Approx. Weight	36.2kg	79.64lbs

Type of material for container and lids:  
 ABS Standard (FV0 Optional)

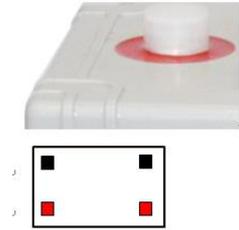
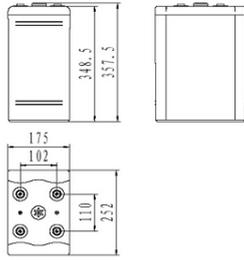
### Product Characteristics

- 12 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 (60.0A, 1.80V) 600Ah
  - 8h rate(71.9A, 1.75V) 575.2Ah
  - 1h rate(330A, 1.75V) 330Ah
- Internal resistance:
  - 0.30mΩ when fully charged at 68°F(20°C)
- Average self-discharge rate:
  - ≤1% per month 68°F(20°C)
- Maximum discharge current:
  - 3000A(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: 120A
  - Temperature compensation: -3.5mV/°C/piece
  - Cycle use: 2.37 V/ piece
  - Standby use: 2.27 V/ piece

**Dimensions/Terminal**



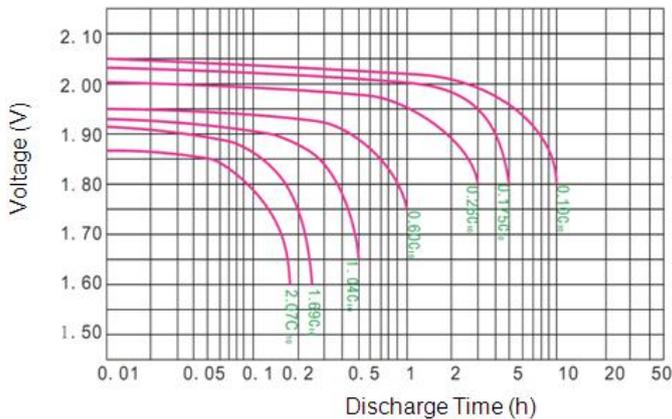
**Constant Current Discharge Data (Ampere at 20°C/68 °F)**

End Volt	5min	10min	15min	20min	30min	40min	50min	1h	1.5h	2h	3h	5h	8h	10h	24h
1.60	1260	973	805	693	550	461	399	348	267	217	160	107	74	61.8	26.5
1.67	1107	855	716	624	504	428	375	337	257	211	156	105	73	61.1	26.2
1.70	1046	818	689	602	489	418	367	332	254	209	155	105	72.6	60.8	26.1
1.75	915	753	648	574	473	406	359	330	250	205	153	103	71.9	60.4	26
1.80	803	697	612	547	455	393	347	314	243	201	150	102	71.1	60.0	25.8

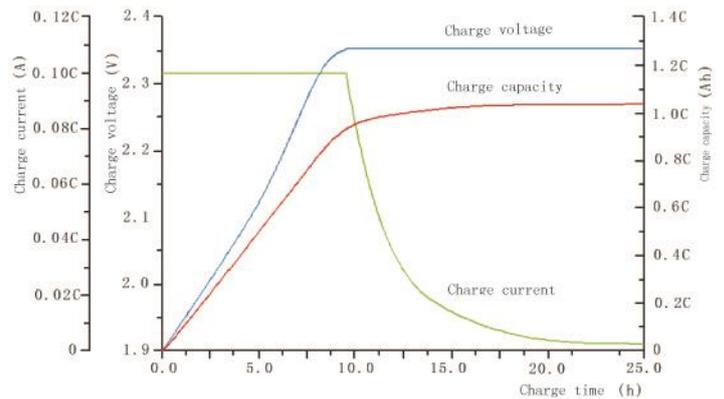
**Constant Power Discharge Data (Watts per cell at 20°C/68 °F)**

End Volt	5min	10min	15min	20min	30min	40min	50min	1h	1.5h	2h	3h	5h	8h	10h	24h
1.60	1836	1578	1331	1178	927	777	687	612	476	394	292	198	142	119	53.1
1.67	1588	1373	1177	1051	832	713	636	583	452	375	281	193	140	116	52
1.70	1489	1313	1134	1016	804	694	618	574	446	370	279	192	139	116	51.6
1.75	1334	1214	1057	944	753	652	590	547	434	361	273	188	137	114	50.9
1.80	1226	1114	968	870	706	616	569	522	421	351	267	185	135	113	50

**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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