



AGM Technology  
 ABT Enduro EHP Series

## EHP2-200

2V200Ah(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	110mm	4.33inch
Width	208mm	8.19inch
Height	242mm	9.53inch
Total Height	260mm	10.24inch
Approx. Weight	13.5kg	29.70lbs

Type of material for container and lids:

ABS Standard (FV0 Optional)

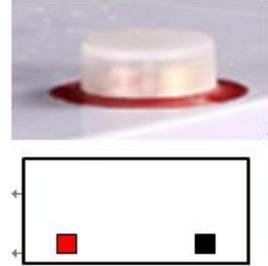
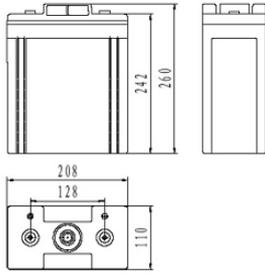
### Product Characteristics

- 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 (20.0A, 1.80V) 200Ah
  - 8h rate(24.7A, 1.75V) 197.6Ah
  - 1h rate(120A, 1.75V) 120Ah
- Internal resistance:
  - 0.58mΩ when fully charged at 68°F (20°C)
- Average self-discharge rate:
  - ≤1% per month 68°F (20°C)
- Maximum discharge current:
  - 1100A(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: 40A
  - Temperature compensation: -3.5mV/°C/piece
  - Cycle use: 2.37 V/ piece
  - Standby use: 2.27 V/ piece

**Dimensions/Terminal**



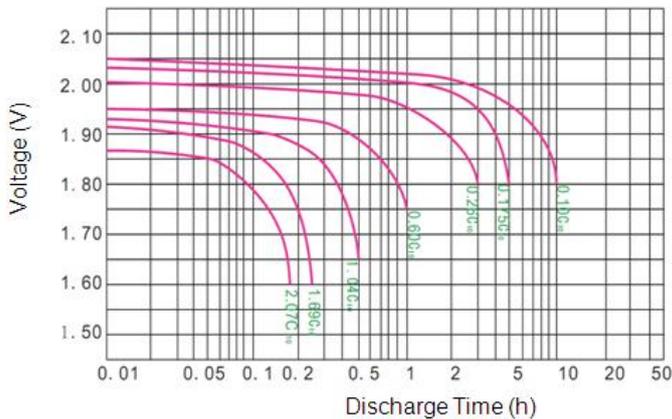
**Constant Current Discharge Data (Ampere at 20°C/68 °F)**

End Volt	5min	10min	15min	20min	30min	40min	50min	1h	1.5h	2h	3h	5h	8h	10h
1.60	546	415	338	287	220	178	149	128	97	78	55.9	36.7	25.4	20.7
1.67	476	365	301	258	202	166	140	124	93.6	76.1	54.8	36.1	25.1	20.5
1.70	453	349	289	249	196	161	137	122	92.2	75.3	54.4	35.9	24.9	20.4
1.75	396	321	272	237	189	157	134	120	90.8	74	53.5	35.4	24.7	20.2
1.80	348	298	257	226	182	152	130	115	88.3	72.2	52.7	35	24.4	20

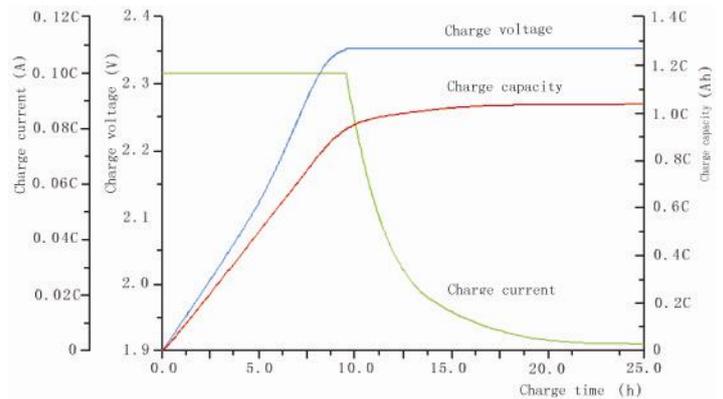
**Constant Power Discharge Data (Watts per cell at 20°C/68 °F)**

End Volt	5min	10min	15min	20min	30min	40min	50min	1h	1.5h	2h	3h	5h	8h	10h
1.60	796	673	559	487	371	300	257	224	173	142	102	67.9	48.9	39.8
1.67	691	590	496	437	332	276	237	214	164	135	98.7	66.5	48.1	39
1.70	645	560	476	420	321	268	231	210	162	133	97.5	65.9	47.7	38.8
1.75	578	518	444	390	301	252	220	201	158	130	95.5	64.6	47.1	38.3
1.80	531	475	407	360	283	238	212	192	153	126	93.5	63.5	46.5	37.7

**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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