

## BTL12-260 (12V/260Ah)

BTL series is a general purpose battery with 10-12 years design life in float service according to Eurobat. With updated AGM valve regulated technology and high purity raw materials, the BT series battery maintains high consistency for better performance and reliable standby service life. It is suitable for UPS, DC-power systems, emergency light and security system applications.



Specifications		
Nominal Voltage	12V	
Nominal Capacity (10HR)	260.0Ah	
Dimensions	Length	520 ±2mm
	Width	268 ±2mm
	Height	220 ±2mm
	Height max.	225 ±2mm
Approx. weight	74.0kg	
Terminal	M8 screw terminal	
Container Material	Acrylnitril-Butadien-Styrol (ABS)	
Rated Capacity	282AH/14.1A	20hr, 10V / cell, 25°C
	275AH/27.5A	10hr, 10V / cell, 25°C
	237AH/47.5A	5hr, 10.2V / cell, 25°C
	206.7AH/68.9A	3hr, 10.2V / cell, 25°C
	148.0AH/148.0A	1hr, 10.5V / cell, 25°C
Max. Discharge Current	2600A (5s)	
Internal Resistance	Appr. 3.5mΩ	
Operating temperature range	Discharge	-15 ~ 40°C
	Charge	0 ~ 40°C
	Storage (charged)	-15 ~ 40°C
Nominal operating temperature	25 ± 3°C	
Max. charging current	78.0A	
Cycle Use	Voltage 14.6V~14.8V @ 25°C	
	Temperature coefficient -4mV/°C	
Standby Use	Voltage 13.6V~13.8V @ 25°C	
	Temperature coefficient -3mV/°C	
Capacity affected by temperature	40°C	103%
	25°C	100%
	0°C	86%
Self-discharge	EFFEKTA batteries of the BTL series can be stored for up to 6 months at 25 ° C, after which a recharge is necessary. At higher temperatures, the time interval is shortened.	

Constant Current Discharge (Ampere) at 25°C (77°F)										
F.V/Zeit	15 min	30 min	1 h	2 h	3 h	4 h	5 h	8 h	10 h	20 h
9.60 V	440.4	272.8	160.1	95.9	71.1	57.8	48.8	32.6	27.7	14.2
10.0 V	428.9	266.8	157.1	94.5	70.2	57.1	48.2	32.3	27.5	14.1
10.2 V	413.7	258.9	153.2	92.6	68.9	56.1	47.5	31.8	27.1	13.9
10.5 V	393.9	248.5	148.0	90.2	67.3	54.8	46.5	31.2	26.6	13.7
10.8 V	368.5	235.1	141.3	86.9	65.1	53.2	45.1	30.5	26.0	13.5
11.1 V	336.5	217.9	132.6	82.7	62.2	51.0	43.4	29.4	25.2	13.1

Constant Power Discharge (Watt/cell) at 25°C (77°F)										
F.V/Zeit	15 min	30 min	1 h	2 h	3 h	4 h	5 h	8 h	10 h	20 h
9.60 V	781	503	304	184	138	113	95.4	64.6	55.3	28.4
10.0 V	777	499	301	183	137	112	94.8	64.1	54.9	28.2
10.2 V	756	487	295	180	135	110	93.5	63.4	54.2	28.0
10.5 V	730	472	286	176	132	108	91.9	62.3	53.4	27.6
10.8 V	693	451	275	171	128	105	89.6	60.9	52.2	27.1
11.1 V	642	423	260	163	123	101	86.4	59.0	50.6	26.4

## Mechanical

