

# BAC12 SERIES

## BAC12-260 12V AGM Battery



**BOSCH**  
Invented for life

### Applications

Electric tools  
Vehicle in place of walking  
Lawn mowers  
Golf trolleys and golf carts  
Portable apparatus, lights and instruments  
Electric toys

Illumination light  
Fire alarms  
Portable power  
Wheelchairs  
Medical equipment

### General Features

12 years design life (25°C)  
Grid refining technology and the thicker plates are used to extend the battery standby life and reduce the plate grid corrosion speed

Using oxygen recombination technology: maintenance-free

Unique vent valve design: control water loss, prevent air and sparks going inside

### Bosch Master Data

Short Order Part Number <b>BAC12-260</b>	Bosch 10 Digit Part Number <b>0092L57171</b>	Rated Voltage <b>12V</b>	Nominal Capacity (20HR) <b>262.0 AH</b>
<b>Case Size Dimension</b>			
Length <b>522±3mm (20.55 inches)</b>	Width <b>268±3mm (10.55 inches)</b>	Container Height <b>220±3mm (8.66 inches)</b>	Total Height (with Terminal) <b>226±3mm (8.90 inches)</b>
Approx Weight <b>74.0 kg (163.17 lbs)</b>	Terminal <b>M8</b>	Container Material <b>ABS</b>	
<b>Rated Capacity</b>			
<b>268.0 AH (20hr, 13.4A, 1.80V/cell)</b>	<b>250.0 AH (10hr, 25.0A, 1.80V/cell)</b>	<b>227.0 AH (5hr, 45.4A, 1.75V/cell)</b>	
<b>206.7 AH (3hr, 68.9A, 1.75V/cell)</b>	<b>187.2 AH (1hr, 187.2A, 1.60V/cell)</b>		
Max. Discharge Current <b>2500A (5s)</b>	Internal Resistance <b>Approx 2.5mΩ</b>		
<b>Operating Temp. Range</b>			
Discharge : -15~50°C (5~122°F)	Charge: 0~40°C (32~104°F)	Storage : -15~40°C (5~104°F)	
Nominal Operating Temp. Range <b>25±3°C (77±5°F)</b>	Cycle Use <b>Initial Charging Current less than 75.0A. Voltage 14.4V~15.0V at 25°C (77°F) Temp. Coefficient -30mV/°C</b>		
Standby Use <b>Initial Charging Current less than 75.0A. Voltage 13.5V~13.8V at 25°C (77°F) Temp. Coefficient -20mV/°C</b>			
Capacity affected by Temperature		Self Discharge	
<b>40°C (104°F) 103%</b>	<b>25°C (77°F) 100%</b>	<b>0°C (32°F) 86%</b>	<b>Bosch BAC series batteries may be stored for up to 6 months at 25°C (77°F) and then a freshening charge is required. For higher temperatures the time interval will be shorter.</b>

### Certification Standards

Compliance with IEC 60896 standards, EU Battery Directive  
UL, CE Certified  
Manufactured to IATF16949, ISO45001, ISO9001, ISO14001 within certified production facilities

### Constant Current Discharge (Amperes) at 25°C (77°F)

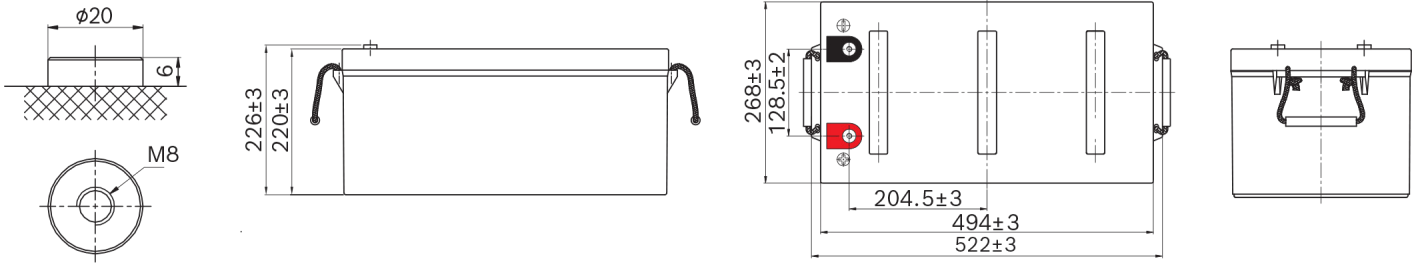
F.V/Time	10min	15min	20min	30min	45min	1hr	2hr	3hr	4hr	5hr	6hr	8hr	10hr	20hr
1.85V/cell	354.7	326.5	280.6	233.9	173.3	144.7	82.5	62.9	51.0	41.2	36.1	28.2	24.2	12.9
1.80V/cell	453.3	394.5	331.7	276.0	201.6	162.1	90.1	67.7	54.4	44.2	38.8	29.7	25.0	13.4
1.75V/cell	\	430.9	356.8	286.5	209.2	169.5	93.4	68.9	55.7	45.4	39.8	30.7	25.7	13.7
1.70V/cell	\	460.1	375.0	298.2	217.6	174.9	97.1	70.8	57.1	46.5	40.7	31.9	26.7	14.1
1.65V/cell	\	\	398.4	314.6	223.0	180.8	99.9	73.9	59.1	47.8	41.6	33.0	27.4	14.5
1.60V/cell	\	\	424.3	332.1	232.4	187.2	103.2	76.1	60.9	49.4	42.5	33.6	28.0	14.7

### Constant Power Discharge (Watts) at 25°C (77°F)

F.V/Time	10min	15min	20min	30min	45min	1hr	2hr	3hr	4hr	5hr	6hr	8hr	10hr	20hr
1.85V/cell	662.4	615.9	534.5	450.5	336.6	282.0	162.0	123.9	100.7	81.6	71.8	56.2	48.4	25.8
1.80V/cell	836.5	734.2	622.6	523.5	388.5	314.2	175.6	132.5	106.9	87.2	76.7	59.1	49.9	26.8
1.75V/cell	\	792.2	663.4	539.1	399.4	327.2	181.4	134.4	109.2	89.2	78.6	60.9	51.2	27.3
1.70V/cell	\	834.1	692.1	558.0	413.8	336.5	188.2	137.9	111.6	91.3	80.1	63.2	53.2	28.1
1.65V/cell	\	\	729.8	583.8	420.4	345.3	192.4	143.2	115.0	93.5	81.6	65.2	54.5	28.9
1.60V/cell	\	\	769.0	612.2	435.8	355.7	197.9	146.9	118.3	96.3	83.1	66.3	55.6	29.2

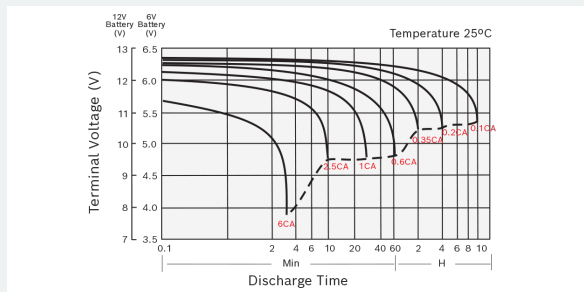
## Product Dimension & Design

M8 Terminal  
Unit: mm [inches]

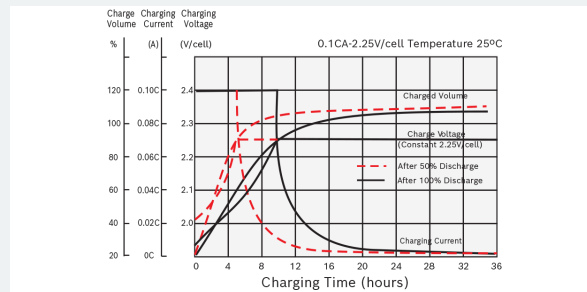


## Product Performance Overview

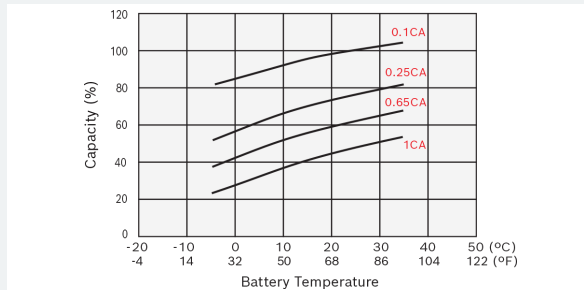
### Discharge Characteristics



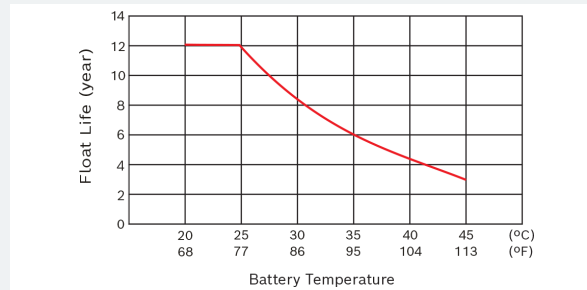
### Charging Characteristics



### Temperature Effects in Relation to Battery Capacity



### Effect of Temperature on Long Term Float Life



Your address for genuine Bosch quality:

Dealer stamp here: