



## YG20-BS

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### Specifications

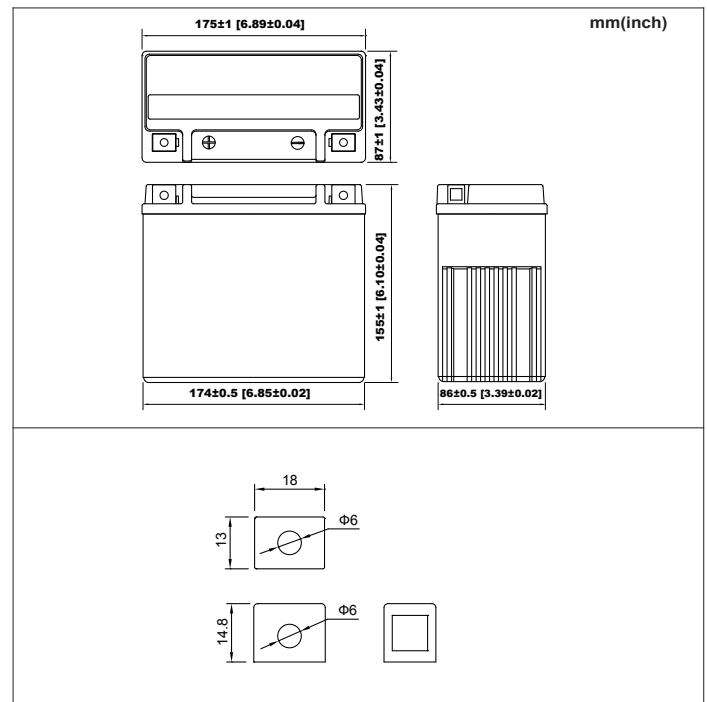
|                                |                                      |                      |
|--------------------------------|--------------------------------------|----------------------|
| Model NO .                     | YG20-BS                              |                      |
| Upgrade From                   | _____                                |                      |
| Nominal Voltage                | 12 V                                 |                      |
| Rated Capacity (10 hours rate) | 18 Ah                                |                      |
| Dimension                      | Length                               | 175 mm (6.89 inches) |
|                                | Width                                | 87 mm (3.43 inches)  |
|                                | Height                               | 155 mm (6.10 inches) |
|                                | Total Height                         | 155 mm (6.10 inches) |
| Approx. Wight                  | Approx. 6.13 kg (13.54 Lbs)          |                      |
| Charge Current (A)             | 1.8A (14.4V constant voltage charge) |                      |

### Characteristics

|  |                                   |                               |
|--|-----------------------------------|-------------------------------|
| Capacity 25°C (77°F)                         | 10 hours rate (1.8 A to 10.5V)    | 18.0 Ah                       |
|  | 5 hours rate (3.6 A to 10.2V)     | 15.3 Ah                       |
|  | 1C (18 A to 9.6V)                 | 8.1 Ah                        |
|  | 3C (54 A to 9.6V)                 | 6.5 Ah                        |
| Cranking Amperse (by Midtronic Tseter)       |                                   | 410 A                         |
| Cold Cranking Amperes (-18°C SAE Standard)   |                                   | 220 A                         |
| Cold Cranking Amperes (-18°C EN Standard)    |                                   | 330 A                         |
| Internal Resistance (at 1KHz)                |                                   | Approx. 8 mΩ                  |
| Operating Temperature Range                  | Charge                            | 0°C (32°F) to 40°C (104°F)    |
|  | Discharge                         | -30°C (-22°F) to 50°C (122°F) |
|  | Storage                           | -15°C (5°F) to 40°C (104°F)   |
| Life Expectancy (Cycle Use)                  | 60% depth of discharge 250 cycles |                               |
|  | 30% depth of discharge 400 cycles |                               |
| Charge Retention (shelf life) at 20°C (68°F) | 1 month                           | 92%                           |
|  | 3 month                           | 90%                           |
|  | 6 month                           | 80%                           |
| Warranty                                     | 2 years                           |                               |
| Case Material                                | PP                                |                               |



### Dimensions



(V) FOR 12V BATTERY

### Discharge Time VS. Discharge Current (25°C)

