

# High Power HV Type Sealed Lead-Acid Battery

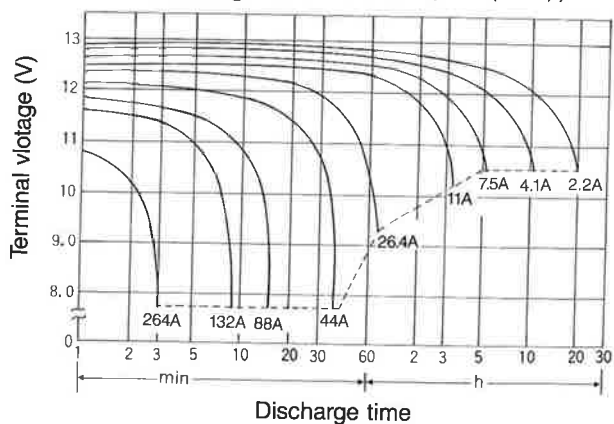
# HV44-12

## ● Specification & Characteristics

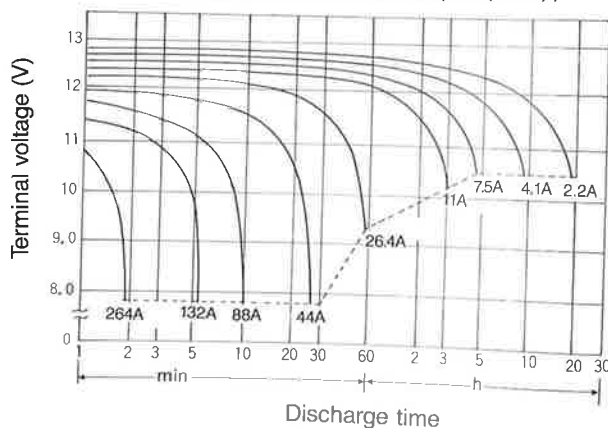
|                                 |                  |                          |
|---------------------------------|------------------|--------------------------|
| Model                           |                  | HV44-12                  |
| Nominal voltage                 |                  | 12 V                     |
| Rated capacity                  |                  | 44 Ah/20 HR              |
| Dimensions                      | Container Height | 170mm (6.69 inches)      |
|                                 | Length           | 197mm (7.76 inches)      |
|                                 | Width            | 165mm (6.50 inches)      |
| Weight                          |                  | Approx. 15kg (33.1 lbs.) |
| Capacity<br>25°C (77°F)         | 20HR 2.2 A       | 44 Ah                    |
|                                 | 5HR 7.5 A        | 37.5 Ah                  |
|                                 | 1C 44 A          | 29.5 Ah                  |
|                                 | 2C 88 A          | 23.5 Ah                  |
|                                 | 3C 132 A         | 19.8 Ah                  |
| Internal resistance             |                  | Approx. 8mΩ              |
| Max. Discharge current          |                  | 400 A (5 sec)            |
| Charging voltage<br>25°C (77°F) | Standby use      | 13.5 to 13.8V (-20mV/°C) |
|                                 | Cycle use        | 14.4 to 15.0V (-30mV/°C) |
| Max. Charging current           |                  | 13 A                     |



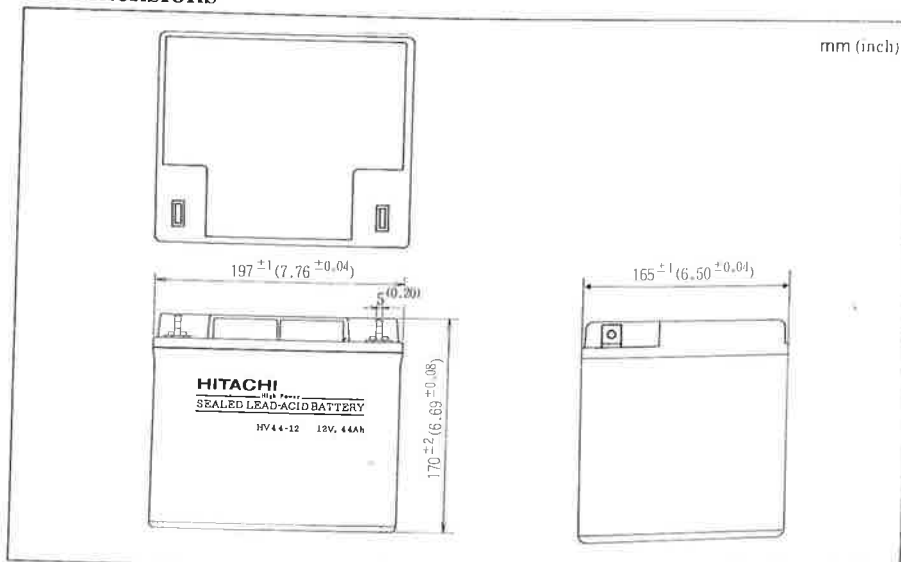
Discharge characteristics(25°C(77°F))



Discharge characteristics(0°C(32°F))



## ● Dimensions



## ● Terminal

