



## HBS12-22NE

### Specifications

Nominal Voltage (V) 12V

#### Nominal Capacity

20hour rate ( 1.1A )	to	10.50V	22Ah
10hour rate ( 2.2A )	to	10.50V	20.9Ah
5hour rate ( 3.74A )	to	10.20V	18.7Ah
1C ( 22A )	to	9.60V	15.4Ah
3C ( 66A )	to	9.60V	11.22Ah

Weight 7.276kg(16.01Lbs.)

Internal Resistance (at 1KHz) 10 mΩ

Maximum Discharge Current for 30 seconds : 440A

Maximum Discharge Current for 5 seconds : 860A

#### Operating temperature Range

Charge	0°C(32°F)	to	40°C(104°F)
Discharge	-15°C(5°F)	to	50°C(122°F)
Storage	-15°C(5°F)	to	40°C(104°F)

#### Charge Retention (shelf life) at 20°C (68°F)

1 month	92%
3 month	90%
6 month	80%

#### Charging Methods at 25°C(77°F)

##### Cycle use:

Charging Voltage 14.4 to 15.0V  
Maximum Charging Current : 5.6A

##### Standby use :

Float Charging Voltage 13.50 to 13.80V

#### Life expectancy :

##### Cycle Use :

100% depth of discharge 225 cycles  
80% depth of discharge 250 cycles  
50% depth of discharge 750 cycles

##### Standby Use :

3~5years

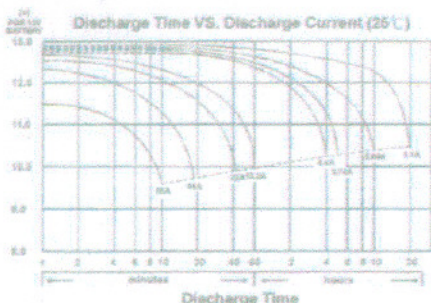
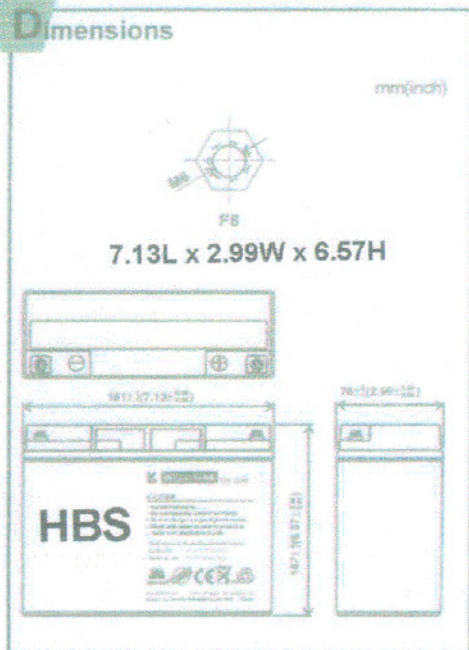
Case Material ABS

(Option : 94-HB & 94V-0 flame retardant case)

Terminal F8

UL Approved

### Dimensions



Sales Office: HBS-Holden Battery Services, LLC  
23266 Mabe Hill Rd, Bristol, VA 24202, USA  
Tel: 276-466-4713, Fax: 276-466-4080, Toll Free: 800-594-9257