

Features

- 12 years design life (25°C)
- Front terminals make the installation, maintenance and supervision easy
- Shield designs protect terminals from short circuit and show good appearance
- Unique vent valve design: reduce water losing and prevent air/spark going inside
- Specifically ideal for 19 inch or 23 inch power cabinets
- Thick plates, special formula of paste and plate making process for a long service life
- ABS material: increase the strength of battery container

Applications

- UPS, standby power supply
- Power station systems
- Power system of special network or local area network
- Network connection equipment of communication system

Constant Current Discharge (Amperes) at 25 °C

F.V./Tiempo	10 min	15 min	30 min	1 hr	5 hr	10 hr
1.85 V/cell	144.6	127.2	91.6	56.3	16.7	9.56
1.80 V/cell	168.0	146.8	99.0	59.5	17.2	10.0
1.75 V/cell	185.4	158.0	103.2	61.4	17.4	10.1
1.70 V/cell	197.4	165.6	106.0	62.8	17.6	10.2
1.65 V/cell	206.4	171.2	108.4	63.7	17.8	10.3
1.60 V/cell	215.4	176.0	110.6	64.3	18.1	10.4

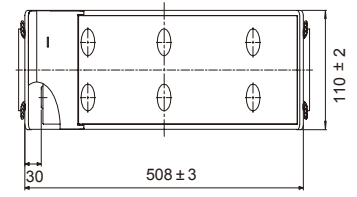
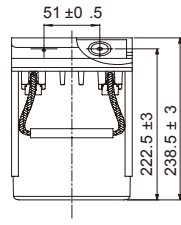
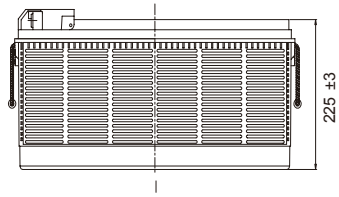
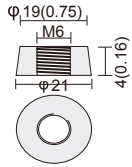
Constant Power Discharge (Watts/cell) at 25 °C

F.V./Time	10 min	15 min	30 min	1 hr	5 hr	10 hr
1.85 V/cell	270.0	239.9	176.4	109.7	33.1	19.1
1.80 V/cell	310.0	273.2	187.8	115.3	33.9	20.0
1.75 V/cell	336.7	290.5	194.2	118.5	34.2	20.2
1.70 V/cell	350.5	300.2	198.3	120.8	34.4	20.3
1.65 V/cell	365.1	309.1	202.4	122.2	34.8	20.5
1.60 V/cell	370.4	311.5	203.8	122.2	35.2	20.7



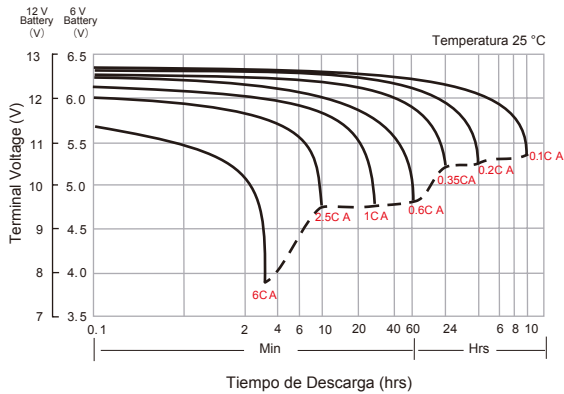
BPA-IND-F 100 A Specs

M6 Terminal

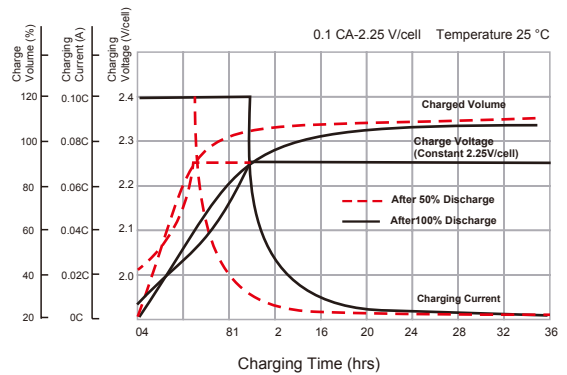


Model BPA-IND-F	100A
Rated Voltage	12 V
Nominal Capacity (C, 1.80V/cell)	100 Ah
Dimension, length x width x depth (mm)	508 (±2) x 110 (± 1.5) x 238 (± 2); (238 ± 2 total height, terminal included)
Weight (kg)	32.0
Terminal	M6
Container material	ABS
Nominal capacity (at 25 °C)	106.0 Ah (20 hr, 5.30 A, 1.80 V/cell) 100.0 Ah (10 hr, 10.0 A, 1.80 V/cell) 96.8 Ah (8 hr, 12.1 A, 1.75 V/cell) 87.0 Ah (5 hr, 17.4 A, 1.75 V/cell) 63.7 Ah (1 hr, 63.7 A, 1.67 V/cell)
Max. discharge current	1000 A (5s)
Internal resistance (25 °C)	4.5 mΩ (approx)
Operating temperature range	Discharge: -15 - 50 °C Charge: 0 - 40 °C Storage: -15 - 40 °C
Nominal Operating temperature range	25 ± 3 °C
Cycle use	Initial Charging Current less than 21.0 A. Voltage 14.1 - 14.4 V at 25 °C, Temperature Coefficient - 30 mV / °C
Standby use	Initial Charging Current less than 21.0 A. Voltage 13.5 - 13.8 V at 25 °C, Temperature Coefficient - 20 mV / °C
Effect of temperature to capacity	103% at 40 °C 100% at 25 °C 86% at 0 °C
Self discharge	Induscell series batteries may be stored for up to 6 months at 25 °C, and then a freshening charge is required. For higher temperatures the time interval will be shorter

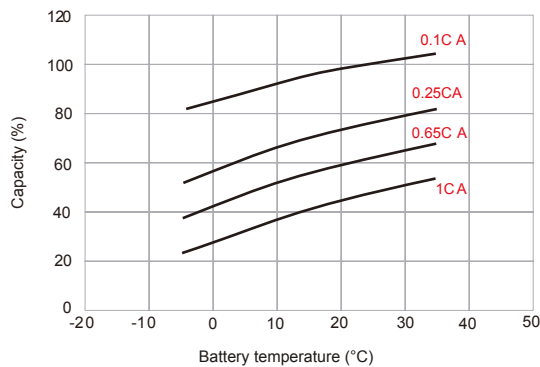
Discharge characteristics at 25 °C



Float charging characteristics at 25 °C



Temperature effects in relation to battery capacity



Effect of temperature on long term float life

