

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

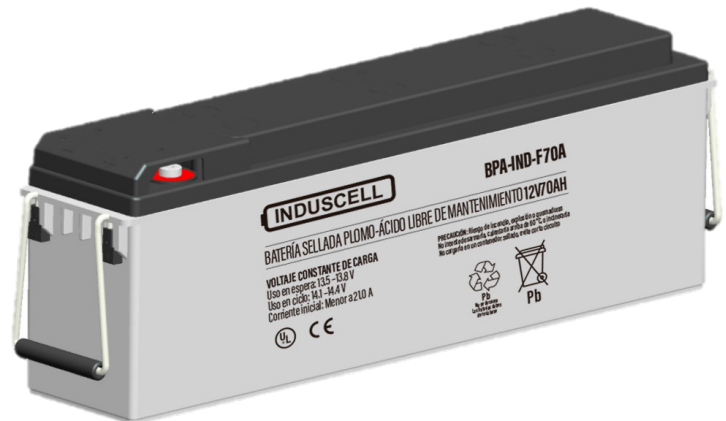
- UPS, standby power supply
- Power station systems
- Power system of special network or local area network
- Network connection equipment of communication system

Constant Current Discharge (Amperes) at 25 °C

F.V./Time	10 min	15 min	30 min	1 hr	5 hr	10 hr
1.85 V/cell	104.6	91.6	64.7	36.9	11.1	6.56
1.80 V/cell	123.9	106.4	71.3	40.8	12.0	7.00
1.75 V/cell	135.2	115.4	74.2	42.3	12.3	7.11
1.70 V/cell	143.6	120.4	76.6	43.9	12.5	7.22
1.65 V/cell	149.1	123.5	78.0	44.8	12.7	7.28
1.60 V/cell	153.3	130.5	79.4	47.0	13.1	7.44

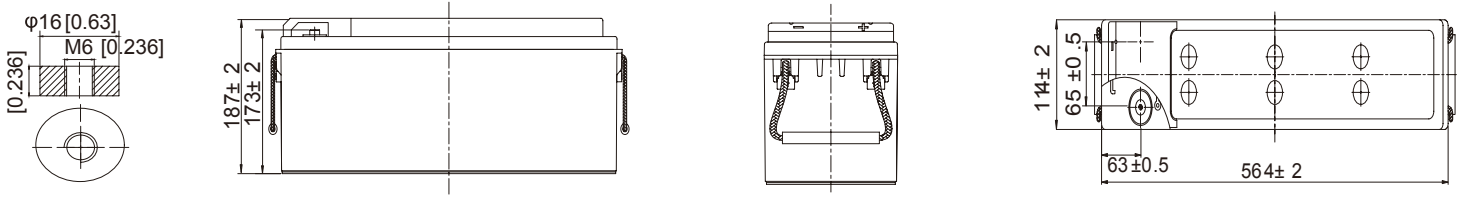
Constant Power Discharge (Watts/cell) at 25 °C

F.V./Time	10 min	15 min	30 min	1 hr	5 hr	10 hr
1.85 V/cell	199.2	176.1	126.2	71.7	21.9	13.0
1.80 V/cell	234.3	203.3	138.4	78.1	23.5	7.37
1.75 V/cell	253.9	219.0	143.5	81.1	24.0	7.46
1.70 V/cell	266.1	226.0	146.7	83.5	24.4	14.3
1.65 V/cell	272.0	228.4	147.8	84.9	24.7	14.3
1.60 V/cell	273.7	230.2	148.5	88.2	25.3	14.6



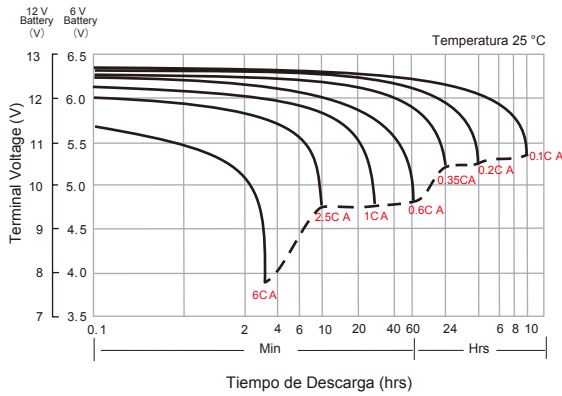
BPA-IND-F 70 A Specs

M6 Terminal

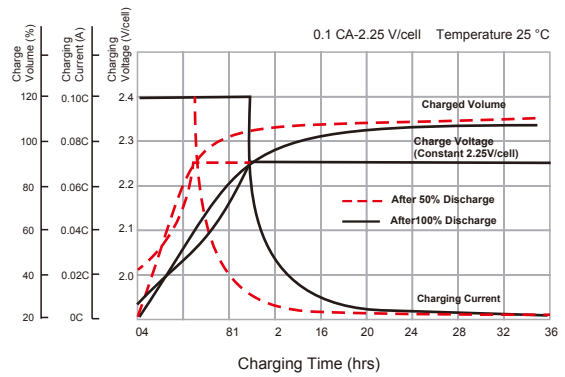


Model BPA-IND-F	70A
Rated Voltage	12 V
Nominal Capacity (C, 1.80V/cell)	70 Ah
Dimension, length x width x depth (mm)	564 (±2) x 114 (± 1.5) x 187 (± 2); (187 ± 2 total height, terminal included)
Weight (kg)	25.5
Terminal	M6
Container material	ABS
Nominal capacity (at 25 °C)	74.6 Ah (20 hr, 3.73 A, 1.80 V/cell) 70.0 Ah (10 hr, 7.0 A, 1.80 V/cell) 68.4 Ah (8 hr, 8.55 A, 1.75 V/cell) 61.5 Ah (5 hr, 12.3 A, 1.75 V/cell) 44.8 Ah (1 hr, 44.8 A, 1.67 V/cell)
Max. discharge current	700 A (5s)
Internal resistance (25 °C)	5.2 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

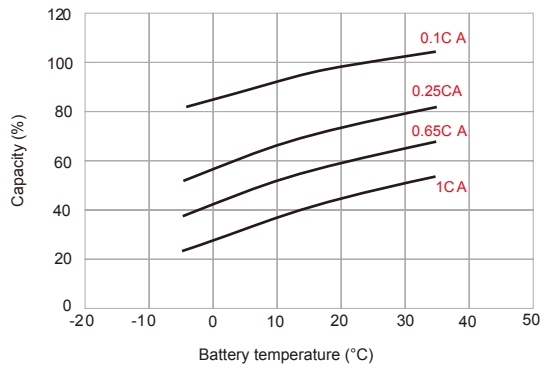
Discharge characteristics at 25 °C



Float charging characteristics at 25 °C



Temperature effects in relation to battery capacity



Effect of temperature on long term float life

