Industronic
Energy in Evolution

BPA-IND 9 Ah

Lead Acid Battery
12 V 9 Ah

1
Year
Warranty

Feautures

- Sealed, Maintenance Free.
- Using Oxygen Recombination Technology: Maintenance-free
- PbCaSn Alloy for Plate Grids: Less Gassing, Less Self-Discharging
- High Quality AGM Separator: Extend Cycle Life and Prevent Micro Short Circuit
- ABS Material: Increase the Strength off Battery Container. (Flame-Retardant ABS is Optional);
- High Purity raw Material: Ensure low Self-discharge Rate
- Silver-Coated Copper Terminals (T1, T2 terminal), Brass Insert Terminals and Lead Terminals Improve the Electric Conductivity

Applications

- All Purpose
- Uninterruptable Power Supply (UPS)
- Electric Power System (EPES)
- Emergency Backup Power Supply
- Emergency Light
- Railway Signal
- Aircraft Signal
- Alarm and Security System
- Electronic Apparatus and Equipment
- Communication Power Supply
- DC Power Supply
- Auto Control System

Constant Current Discharge (Amperes) at 25 °C

F.V. / Time	5 min	10 min	30 min	1 hr	5 hr	10 hr
1.85 V/cell	28.0	18.7	9.06	5.13	1.32	0.764
1.80 V/cell	31.5	20.5	9.46	5.32	1.36	0.786
1.75 V/cell	34.6	21.6	9.83	5.50	1.40	0.807
1.70 V/cell	36.8	22.8	10.2	5.64	1.44	0.822
1.65 V/cell	38.5	23.6	10.5	5.74	1.47	0.830
1.60 V/cell	39.7	24.5	10.7	5.84	1.49	0.838

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

F.V. / Time	5 min	10 min	30 min	1 hr	5 hr	10 hr
1.85 V/cell	51.8	34.9	17.2	9.90	2.59	1.51
1.80 V/cell	57.3	37.7	17.8	10.2	2.65	1.55
1.75 V/cell	62.1	39.3	18.4	10.5	2.73	1.59
1.70 V/cell	65.2	41.0	19.0	10.7	2.80	1.62
1.65 V/cell	67.0	41.7	19.4	10.9	2.85	1.63
1.60 V/cell	68.1	42.8	19.6	11.0	2.87	1.64

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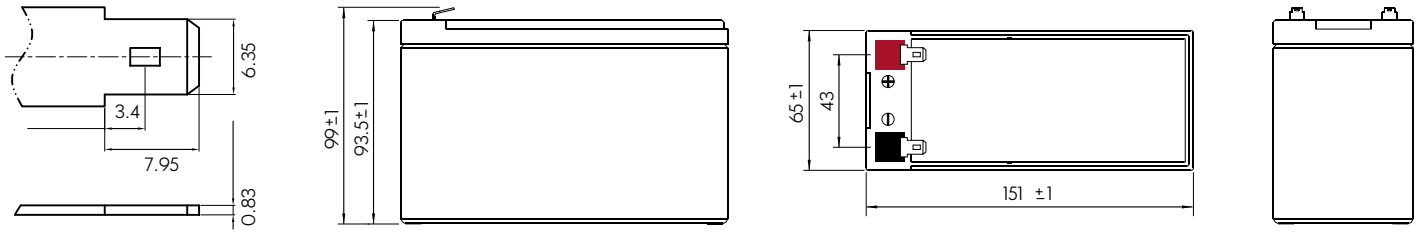
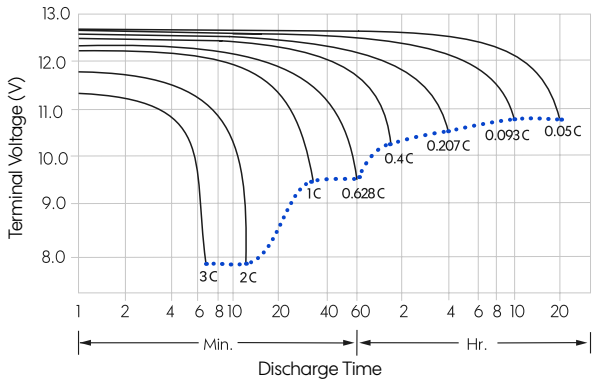
BPA-IND 9 Ah Datasheet

T2 Terminal

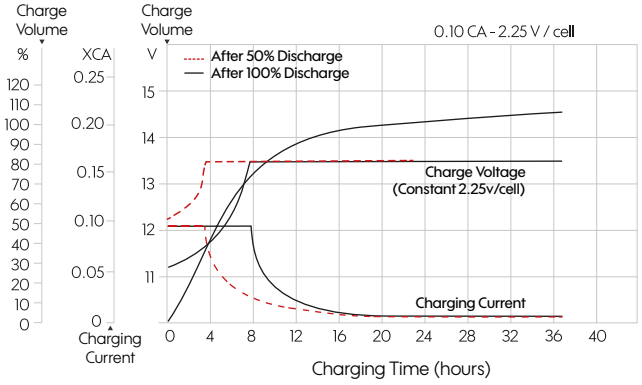


Model BPA-IND	9 Ah
Nominal Voltage	12 V
Nominal Capacity (20 hr)	8.6 Ah
Dimensions, length x width x height (mm)	151 (± 1) x 65 (± 1) x 93.5 (± 1) (99 ± 1 total height with terminal)
Weight (kg)	2.66
Terminal	T2
Container Material	ABS
Rated Capacity	8.60 Ah / 0.430 A (20 hr, 1.80 V/cell, 25 ˚C) | 7.86 Ah / 0.786 A (10 hr, 1.80 V/cell, 25 ˚C) | 7.00 Ah / 1.40 A (5 hr, 1.75 V/cell, 25 ˚C) 6.36 Ah / 2.12 A (3 hr, 1.75 V/cell, 25 ˚C) | 5.84 Ah / 5.84 A (1 hr, 1.60 V/cell, 25 ˚C)
Maximum Discharge Current	129 A (5s)
Internal Resistance	19 m Ω (approx.)
Operating Temperature Range	Discharge: - 15 ~ 50 ˚C | Charge: 0 ~ 40 ˚C | Storage: - 15 ~ 40 ˚C
Nominal Operating Temp. Range	25 ± 3 ˚C
Cycle Use	Initial Charging Current less than 2.16 A, Voltage 14.4 ~ 15.0 V a 25˚C, Temp. Coefficient - 30 mV / ˚C
Standby Use	No limit on Initial Charging Current Voltage 13.5 ~ 13.8 V a 25˚C, Temp. Coefficient - 20 mV / ˚C
Capacity affected by Temperature	103% at 40˚C | 100% at 25˚C | 86% at 0˚C
Self Discharge	INDUSCELL 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.

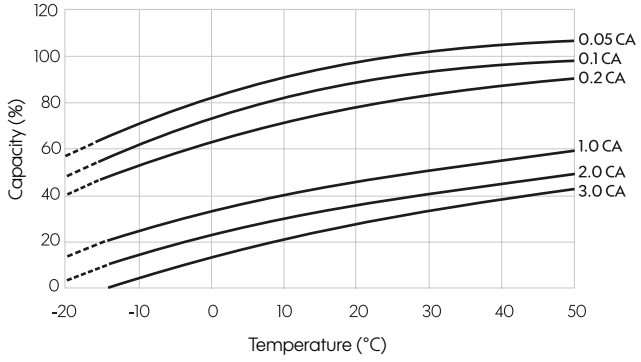
Discharge Characteristics at 25 °C



Float Charging Characteristics at 25 °C



Temperature Effects in Relation to Battery Capacity



Effect of Temperature on Long Term Float Life