



## BP5 Series Battery Pack for

## Apollo USPS Main Body

### BP-5C 200 x 145 x 42 mm<sup>3</sup>, 2.6KGs

Plastic material ( Ivory color )

3 LEDs, Green, Yellow, Red

AC On/Off Switch



### BP-5E 208 x 145 x 42 mm<sup>3</sup>, 2.8KGs

Metal material ( Ivory color )

3 LEDs, Green, Yellow, Red



### BP-5F 208 x 145 x 42 mm<sup>3</sup>, 2.8KGs

Metal material ( Black color )

3 LEDs, Green, Yellow, Red



### BP-5M 185 x 145 x 42 mm<sup>3</sup>, 2.3KGs

No front panel just Metal housing



### BP-5H 234 x 145 x 42 mm<sup>3</sup>, 3.4KGs

Metal material ( Ivory color )

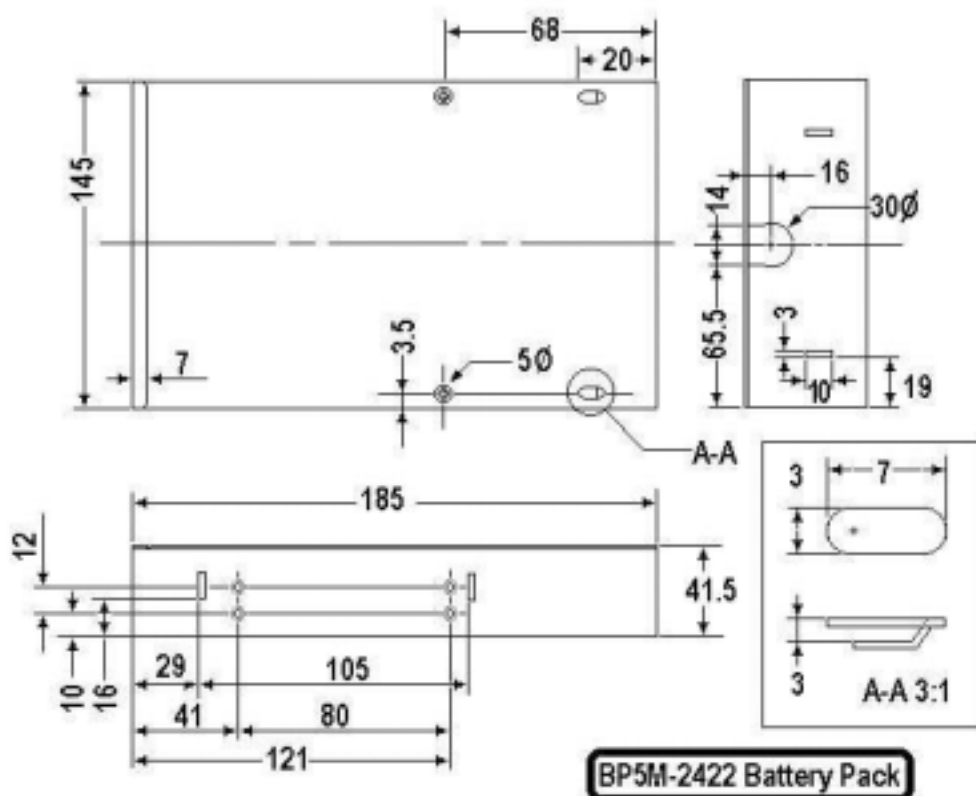
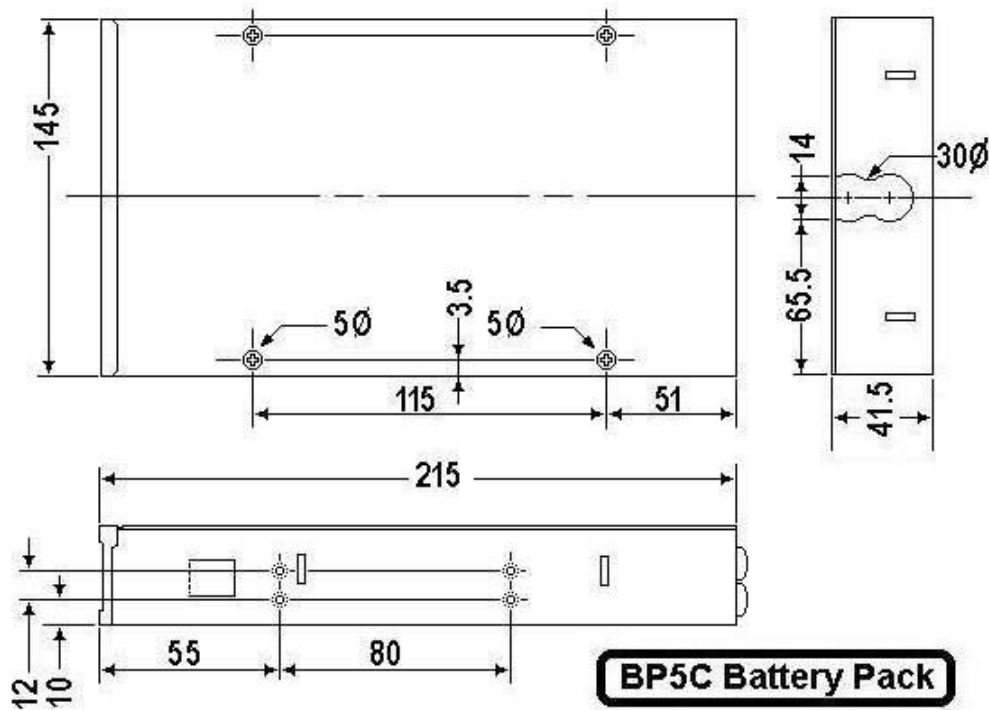
3 LEDs, Green, Yellow, Red

Swappable from front side



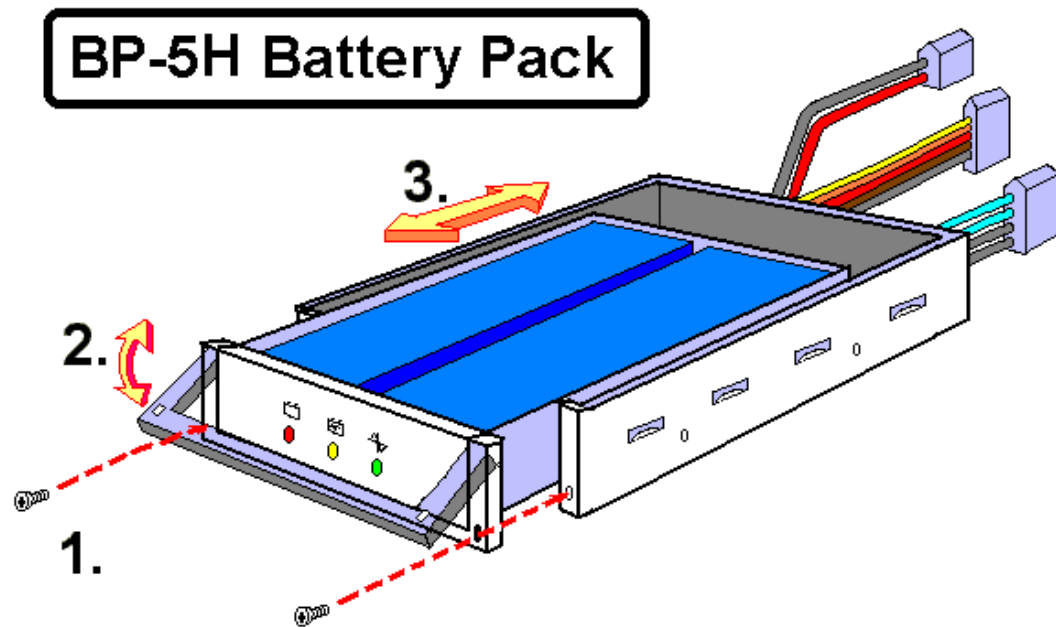


## Drawing for Battery Pack





### Description for BP-5H



### BP3 Series 196 x 102 x 25 mm<sup>3</sup>, 1.2KGs

Metal material ( Ivory color )

3 LEDs, Green, Yellow, Red

Ni-ME Hydride Battery Cells

24VDC / 2700mA





## Lead Acid Battery Specification for BP5 Series

# PL25-12

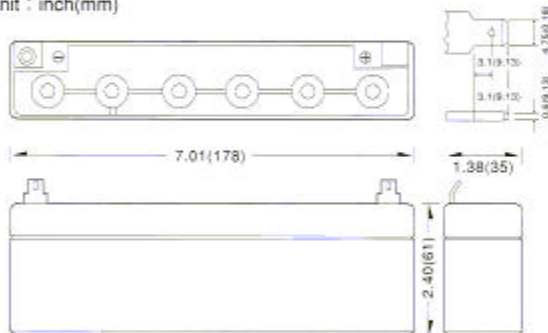
### ■Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		2.5 Ah
Dimensions	Total Height (with terminals)	2.60 inches ( 66 mm)
	Height	2.40 inches ( 61 mm)
	Length	7.01 inches (178 mm)
	Width	1.38 inches ( 35 mm)
Weight		Approx. 1.76 lbs (800g)

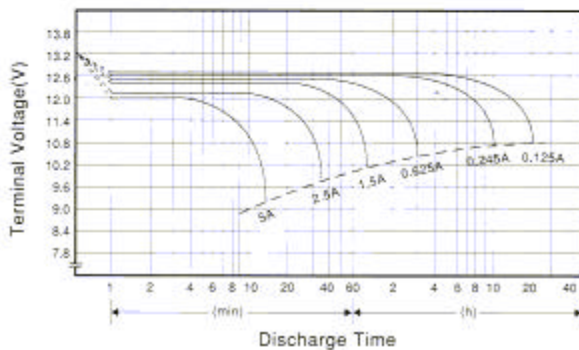
### ■Characteristics

Capacity* 77°F (25°C)	20 hour rate ( 125 mA)	2.50Ah
	10 hour rate ( 245 mA)	2.45Ah
1.5 hour discharge to 10.5V	5 hour rate ( 400 mA)	2.00Ah
	1 hour rate ( 1630 mA)	1.63Ah
		1.2Ah
Internal Resistance	Full Charged Battery 77°F(25°C)	35mΩ
Capacity affected by Temperature (20hour rate)	104°F ( 40°C)	102%
	77°F ( 25°C)	100%
	32°F ( 0°C)	80%
	5°F (-15°C)	62%
Self-Discharge 77°F (25°C)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	80%
	Capacity after 9 month storage	62%
Charge (Constant Voltage)	Cycle	Initial Charge Current less than 0.9 A Voltage 14.6~15.0V / 12V 77°F(25°C)
	Stand By	Voltage 14.0~14.5V / 12V 77°F(25°C)

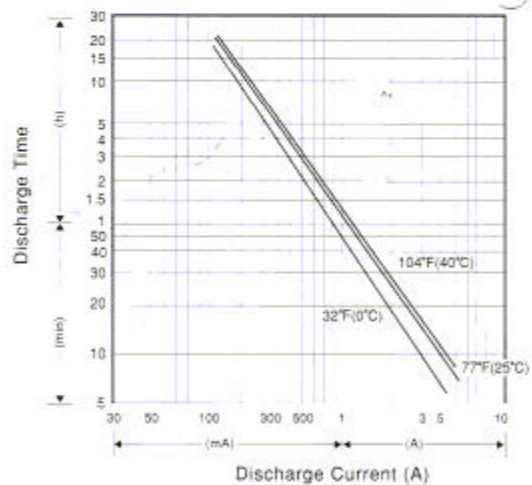
Unit : inch(mm)



Discharge curves 77°F(25°C)\*



### ■Discharging Current & Discharge Duration Time\*



\*The above data are average values, and can be obtained within 3 charge / discharge cycles. These are not minimum values.