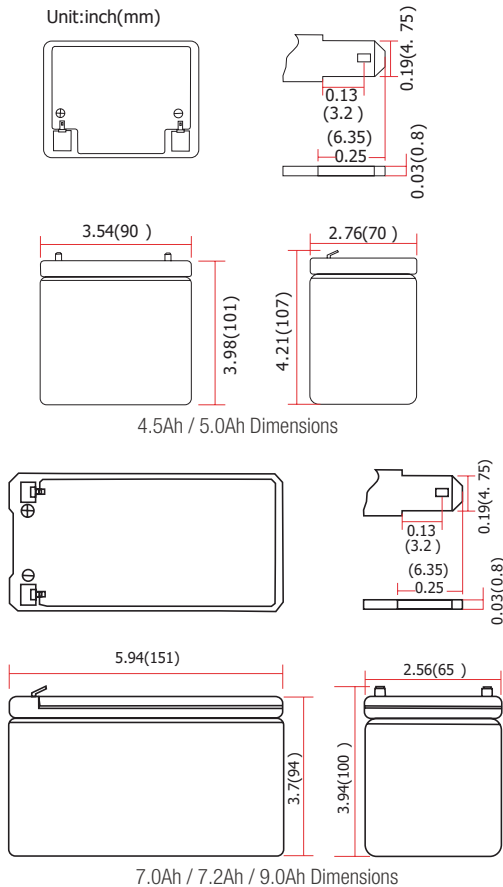


Lead-Acid Battery Series



FEATURES

- 12V4.5Ah / 12V5.0Ah / 12V7.0Ah / 12V7.2Ah / 12V9.0Ah battery
- Good sealing capability & Good electric conductivity
- Long service life & Low self-discharge rate
- Sufficient capacity & Flexible installation
- Good charge acceptance performance
- Wide operating temperature range
- Maintenance free lead-acid type
- High rate discharge ability
- Safe and reliable



APPLICATIONS

- Uninterruptible Power Supply
- Inverter
- Energy Storage Equipment
- Signal Control Equipment

LEAD-ACID BATTERY SPECIFICATION

MODEL	BAT-U1245	BAT-U1250	BAT-U1270H	BAT-U1272H	BAT-U1290H	
Rated Capacity (20 hour rate)	4.5 Ah	5.0 Ah	7.0 Ah	7.2 Ah	9.0 Ah	
Nominal Voltage	12 VDC					
CHARACTERISTICS						
Capacity 77°F (25°C)	20-hour rate	4.50 Ah	5.00 Ah	7.00 Ah	7.20 Ah	9.00 Ah
	10-hour rate	4.10 Ah	4.60 Ah	6.50 Ah	6.70 Ah	8.30 Ah
	5-hour rate	3.80 Ah	4.25 Ah	5.95 Ah	6.15 Ah	7.65 Ah
	1-hour rate	2.90 Ah	3.25 Ah	4.55 Ah	4.70 Ah	5.85 Ah
Internal Resistance	Full Charged, 77°F (25°C)					
	50 mΩ	25 mΩ	30 mΩ	27 mΩ	16 mΩ	
Max. Continuous Discharge Current	22.5 A	25.0 A	35.0 A	36.0 A	45.0 A	
Capacity Affected By Temperature (10-Hour Rate)	104°F (40°C)	102%				
	77°F (25°C)	100%				
	32°F (0°C)	85%				
	5°F (-15°C)	65%				
SELF-DISCHARGE PARAMETERS						
Self-Discharge 77°F (25°C)	Capacity after 3 months storage	90%				
	Capacity after 6 months storage	80%				
	Capacity after 9 months storage	60%				
CHARGE PARAMETERS						
Charge (Constant Voltage)	Charge Current	Initial Charge Current "LESS" than 0.3C				
	Cycle	14.4 ~ 15.0 VDC, 77°F(25°C)				
	Stand By (Floating)	13.5 ~ 13.8 VDC, 77°F(25°C)				
Cycle Use Charging Temperature Coefficient	- 30 mV/°C					
Float Charging Temperature Coefficient	- 18 mV/°C					
PHYSICAL						
Dimension (L x W x H) (mm/in)	90 x 70 x 101 / 3.5 x 2.8 x 4.0		151 x 65 x 94 / 5.9 x 2.6 x 3.7			
Weight (kg / lb)	1.46 / 3.22	1.57 / 3.46	2.05 / 4.52	2.15 / 4.74	2.45 / 5.40	