

BU384V50

- Flame retardant system to UL94V-0
- Good high temperature performance
- High cycle times and long service life
- Safe Lithium Iron Phosphate Technology
- Thousands of cycles, under normal conditions
- High energy density and conversion efficiency
- Environmental Friendly, without any heavy metals
- Complete with Battery Management System built-in
- Can use most standard VRLA chargers for this system
- Low self discharge rate of 2 years before required recharging
- Built-in automatic protection for over-charge, over-discharge & over-temperature conditions



Characteristic

Item	Specification
Model	BU384V50
Rated Capacity (5HR)	100Ah
Nominal Voltage	384V
Discharge Ending Voltage	324V
Charging Limited Voltage	432V
Max. Charging Current	25A
Max. Continue Discharging Current	100 A
Weight	Approx.320Kg
Display	Without LCD display
Parallel Connection	Parallel connection is optional (up to 10P).
Dimensions (W*D*H) mm (inches)	600* 800* 2000 mm
Cell	3.2V50Ah
Design life	More than 15 years
Cycle Life	More than 2500 cycles
IP Class	IP31
Outer Package Material	Black bake lacquer steel case (battery rack or cabinet is optional)
Operating Temperature	Charging: 0 to +55 °C Discharging: -20 to +65 °C Storage: -20 to +65 °C

Discharge Table

Constant Current Discharge Table (Amperes) at 25 °C							
Model	Voltage	Time	15min	30min	1 h	2 h	10 h
BU384V100-72KW	E.O.V 324 V(maximum)		N/A	100A	50A	25A	5A

Constant Power Discharge Table (Watts) at 25 °C							
Model	Voltage	Time	15min	30min	1 h	2 h	10 h
BU384V100-72KW	E.O.V 324 V(maximum)		N/A	36kW	18kW	9kW	1.8kW

