PU480V50

- 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
- Easy installation, can be in 19-inch standard cabinet
- Built-in automatic protection for over-charge, over-discharge & over-temperature conditions

Characteristic

Item	Specification
Model	PU480V50
Rated Capacity (5HR)	50Ah
Nominal Voltage	480V
Discharge Ending Voltage	405 V
Charging Limited Voltage	540V
Max. Charging Current	25A
Max. Continue Discharging Current	200 A
Weight	Approx.400Kg
Display	Without LCD display
Parallel Connection	Parallel connection is optional (up to 10P).
Dimensions (W*D*H) mm (inches)	600* 800* 2000 mm
Cell	3.2V 50Ah
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℃ Discharging: -20 to +65℃ Storage: -20 to +65℃

Discharge Table

Constant Current Discharge Table (Amperes) at 25℃						
Model	Voltage / Time	15min	30min	1 h	2 h	10 h
PU480V50-90KW	E.O.V 405 V(maximum)	200A	100A	50A	25 A	5 A

Constant Power Discharge Table (Watts) at 25℃						
Model	Voltage / Time	15min	30min	1 h	2 h	10 h
PU480V50-90KW	E.O.V 405 V(maximum)	90kW	45kW	22.5kW	11kW	2.2kW

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