



- VRLA Battery- AGM Series
- VRLA Battery- GEL Series
- VRLA Battery- High Temperature Series
- VRLA Battery- OPzV Series
- VRLA Battery- Pure lead Series
- Flooded Battery- OPzS Series
- Lithium Battery Series

ZOWIE(48V120Ah)

- Intra-system balancing
- 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 or be wall-mounted
- Built-in automatic protection for over-charge, over-discharge & over-temperature conditions



Characteristic

| Items | Specification |
|-----------------------------------|--|
| Model | ZOWIE48V120AH |
| Rated Capacity | 120 Ah |
| Nominal Voltage | 48V |
| Discharge Ending Voltage | 58.4 V |
| Charging Limited Voltage | 58.4 V |
| Max. Charging Current | 120 A |
| Max. Continue Discharging Current | 120 A |
| Weight | Approx. 41.6Kg (91.7lbs) |
| Display | With display screen/Optional |
| Protocol | CANBUS/ MODBUS |
| Parallel Connection | Parallel connection is optional (up to 15P). |
| Dimensions (W*D*H) mm (inches) | 490 (19.3") * 440(17.3") * 177 (6.9") customizable |
| Cell | 3.2V 120Ah |
| Design life | More than 20 years |
| Cycle Life | More than 5000 cycles at 80% DOD. |
| IP Class | Ip31 |
| Outer Package Material | Black bake lacquer steel case (battery rack or cabinet is optional) |
| Operating Temperature | Charging: 0 to +60°C Discharging: -20 to +60°C Storage: -20 to +60°C |

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