



Voltan Battery cabinets are designed for VRLA batteries in the capacity range 7/9AH. It is available in different heights and capacities for UPS, telecom and other applications. Flexible battery configuration and rack system are widely used in parallel applications.

### FEATURES AND BENEFITS

- ▶ Production in accordance with ISO 9000:9001 quality management system
- ▶ Design that meets spare battery access and maintenance standards according to IEC
- ▶ It is processed on advanced NC machines for cutting, drilling, bending and welding processes, provide high precision
- ▶ The outer covers and casings of painted with electrostatic powder paint after cleaning the DKP sheet metal with phosphate water
- ▶ Flexible battery configuration possibility
- ▶ High protection against wear and corrosion
- ▶ Fire resistant
- ▶ Insulation and durable design, can be accommodated with multiple large capacity batteries or less capacity
- ▶ High reliability, maintenance free structure, fast mounting
- ▶ High integration, small footprint, short intervention time, reduce construction cost
- ▶ Effectively extending battery life with improved thermal design, efficient energy saving
- ▶ Superior mechanical properties, high carrying capacity
- ▶ Compact design and useful structure
- ▶ Easy transport and installation
- ▶ Suitable for harsh environmental conditions

**1KVA~3KVA Battery Bank**  
**6KVA~10KVA Battery Bank**



### 1KVA~3KVA Battery Bank

#### SPECIFICATIONS

| Model                           | VBT4024C                                                      | VBT4036C |
|---------------------------------|---------------------------------------------------------------|----------|
| Battery type                    | VRLA (Lead acid maintenance free battery)                     |          |
| Typical battery recharging time | 6~8 hours (to 90% of full capacity)                           |          |
| Typical battery life            | 3~5 years,depend on discharging cycle and ambient temperature |          |
| System voltage                  | 24Vdc                                                         | 36Vdc    |
| Charging current (Max.)         | 1.4A                                                          |          |
| Battery quantity                | 4                                                             | 6        |
| Capacity                        | 9Ah/12V (7Ah/12V optional)                                    |          |
| Physical                        |                                                               |          |
| Dimension W x D x H (mm)        | 440 x 430 x 86.5                                              |          |
| Net weight (kg)                 | 17.4                                                          | 22.5     |
| Environment                     |                                                               |          |
| Safety                          | CE                                                            |          |
| Operating environment           | 0°C~40°C                                                      |          |
| Relative humidity               | 0~95% (Non condensing)                                        |          |
| Noise level                     | <40dB at 1 Meter                                              |          |



#### SPECIFICATIONS

| Model                           | VBT8048C                                                       |                  | VBT8096C         |
|---------------------------------|----------------------------------------------------------------|------------------|------------------|
| Battery type                    | VRLA (Lead acid maintenance free battery)                      |                  |                  |
| Typical battery recharging time | 6~8 hours (to 90% of full capacity)                            |                  |                  |
| Typical battery life            | 3~5 years, depend on discharging cycle and ambient temperature |                  |                  |
| System voltage                  | 48Vdc                                                          | 72Vdc            | 96Vdc            |
| Charging current (Max.)         | 1.4A                                                           |                  |                  |
| Battery quantity                | 8                                                              | 12               | 8                |
| Capacity                        | 9Ah/12V (7Ah/12V optional)                                     |                  |                  |
| Physical                        |                                                                |                  |                  |
| Dimension W x D x H (mm)        | 440 x 550 x 86.5                                               | 440 x 710 x 86.5 | 440 x 550 x 86.5 |
| Net weight (kg)                 | 31.5                                                           | 44               | 31.5             |
| Environment                     |                                                                |                  |                  |
| Safety                          | CE                                                             |                  |                  |
| Operating environment           | 0°C~40°C                                                       |                  |                  |
| Relative humidity               | 0~95% (Non condensing)                                         |                  |                  |
| Noise level                     | <40dB at 1 Meter                                               |                  |                  |



### 6KVA~10KVA Battery Bank

#### SPECIFICATIONS

| Model                           | VBT20120N                                                      |
|---------------------------------|----------------------------------------------------------------|
| Battery type                    | VRLA (Lead acid maintenance free battery)                      |
| Typical battery recharging time | 6~8 hours (to 90% of full capacity)                            |
| Typical battery life            | 3~5 years, depend on discharging cycle and ambient temperature |
| System voltage                  | ±120Vdc                                                        |
| Charging current (Max.)         | 1.4A                                                           |
| Battery quantity                | 1 * ±10 PCS                                                    |
| Capacity                        | 7Ah / 9Ah (12V)                                                |
| <b>Physical</b>                 |                                                                |
| Dimension W x D x H (mm)        | 440 x 680 x 131 (3U)                                           |
| Net weight (kg)                 | 58 / 63                                                        |
| <b>Environment</b>              |                                                                |
| Safety                          | CE                                                             |
| Operating environment           | 0°C~40°C                                                       |
| Relative humidity               | 0~95% (Non condensing)                                         |
| Noise level                     | <40dB at 1 Meter                                               |



### ORDERING INFORMATION

| Part No.  | Description                                                                                                                 |
|-----------|-----------------------------------------------------------------------------------------------------------------------------|
| VBT4024C  | Voltan Battery Bank 24vdc, 9ah 12v Battery Rack Mount with built-in 6 Battery Used For 1 KVA UPS, charging Panel & Breaker  |
| VBT6036C  | Voltan Battery Bank 36vdc, 9ah 12v Battery Rack Mount with built-in 6 Battery Used For 1 KVA Ups, charging Panel & Breaker  |
| VBT8048C  | Voltan Battery Bank 48vdc, 9ah 12v Battery Rack Mount with built-in 8 Battery Used For 2KVA Ups, charging Panel & Breaker   |
| VBT12072C | Voltan Battery Bank 72vdc, 9ah 12v Battery Rack Mount with built-in 12 Battery Used For 3 KVA Ups, charging Panel & Breaker |
| VBT8096C  | Voltan Battery Bank 96vdc, 9ah 12v Battery Rack Mount with Built-in 8 Battery Used For 3 KVA Ups, charging Panel & Breaker  |
| VBT20120N | Voltan Battery Bank 120vdc, 9ah 12v Battery Rack Mount with 20 Battery, Used For 6k & 10 KVA Ups, with Breaker              |