

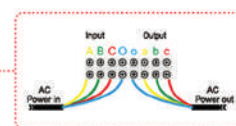
# powerBOX<sup>®</sup>

Reguladores de Voltaje

**PBABR30KVA2K**  
**24000W / FP 0.8**



|                            |                                |
|----------------------------|--------------------------------|
| 1. Time Delay              | 6. Over Temperature Protection |
| 2. Normal                  | 7. Input Voltage               |
| 3. Protection (Fault Mode) | 8. Output Voltage              |
| 4. Over Voltage Protection | 9. Load Condition              |
| 5. Low Voltage Protection  | 10. Overload Protection        |



## Features

- MCU control
- Overload protection (on PCB)  $\geq 120\%$
- Motor protection (Unique function)
- If fan fails, the device will cut off the output to avoid over-heat
- Colorful LED display
- More accurate output precision  $\leq 2\%$
- Three phase compensation servo motor technology
- Industrial strength components
- 100% unbalanced loading capability between three phases



## 127/ 220VAC AVR

| Specification |                        | 3KVA                                                                        | 6KVA  | 10KVA | 12KVA | 15KVA | 20KVA | 25KV<br>A | 30KVA | 40KVA | 50KVA |
|---------------|------------------------|-----------------------------------------------------------------------------|-------|-------|-------|-------|-------|-----------|-------|-------|-------|
| Net Weight    |                        |                                                                             |       | 58    |       |       | 96    |           |       |       | ?     |
| Gross weight  |                        |                                                                             |       | 68    |       |       | 112   |           |       |       | ?     |
| Input         | Phase                  | 2 Phase                                                                     |       |       |       |       |       |           |       |       |       |
|               | Voltage                | 80-140Vac/156Vac-286Vac                                                     |       |       |       |       |       |           |       |       |       |
|               | Frequency              | 50/60Hz                                                                     |       |       |       |       |       |           |       |       |       |
| Output        | Voltage                | 127±5%(L-N)                                                                 |       |       |       |       |       |           |       |       |       |
|               | Capacity               | 2400W                                                                       | 4800W | 8000W | 10KW  | 12KW  | 16KW  | 20KW      | 24KW  | 32KW  | 40KW  |
|               | Frequency              | 50/60Hz                                                                     |       |       |       |       |       |           |       |       |       |
| Protection    | Low Voltage            | 80±4Vac(L-N)                                                                |       |       |       |       |       |           |       |       |       |
|               | Over Voltage           | 140±4Vac(L-N)                                                               |       |       |       |       |       |           |       |       |       |
|               | Over Temperature       | If the temperature of NTC is over 120 °C,the unit will shut down and alarm. |       |       |       |       |       |           |       |       |       |
|               | Cooling system         | DC Fan                                                                      |       |       |       |       |       |           |       |       |       |
|               | Time Delay             | 5sec                                                                        |       |       |       |       |       |           |       |       |       |
|               | Overload/Short Circuit | Fuse/MCB+MCU                                                                |       |       |       |       |       |           |       |       |       |
|               | Response time          | 60ms                                                                        |       |       |       |       |       |           |       |       |       |
|               | Overload protection    | 120%Capacity                                                                |       |       |       |       |       |           |       |       |       |
|               | Control mode           | Relay switching                                                             |       |       |       |       |       |           |       |       |       |
| Efficiency    | AC-AC                  | 98%                                                                         |       |       |       |       |       |           |       |       |       |
| Acoustic      | Noise                  | ≤40dB                                                                       |       |       |       |       |       |           |       |       |       |
| Environment   | Temperature            | -5℃ to 40℃                                                                  |       |       |       |       |       |           |       |       |       |
|               | Humidity               | 20% to 90%                                                                  |       |       |       |       |       |           |       |       |       |