

# PWR-3

## Three Phase Servo Motor Type

15KVA-300KVA



### Features:

- ◆ More accurate output precision  $\leq 2\%$
- ◆ MCU Control
- ◆ Surge protection
- ◆ Industrial strength components
- ◆ If fan fails, the device will cut off the output to avoid over-heat
- ◆ 100% unbalanced loading capability
- ◆ Ultra-low input voltage
- ◆ Overload protection (on PCB)  $\geq 120\%$
- ◆ Multi display

## • Technical Parameter

| Specification |               | 15KVA                                                                     | 30KVA | 45KVA                              | 60KVA | 75KVA | 100KVA |
|---------------|---------------|---------------------------------------------------------------------------|-------|------------------------------------|-------|-------|--------|
| Input         | Phase         | 3-phase 3-wire                                                            |       |                                    |       |       |        |
|               | Voltage       | AC 278V-485V                                                              |       | AC 285V-475V(±25%)/266V-494V(±30%) |       |       |        |
|               | Frequency     | 50Hz/60Hz                                                                 |       |                                    |       |       |        |
| Output        | Voltage       | AC 380V±3%/400V±3%                                                        |       |                                    |       |       |        |
|               | Capacity      | 12KW                                                                      | 24KW  | 36KW                               | 48KW  | 60KW  | 80KW   |
|               | Frequency     | 50Hz/60Hz                                                                 |       |                                    |       |       |        |
| Protection    | Low voltage   | 318±7V/335±7V                                                             |       |                                    |       |       |        |
|               | Over voltage  | 425V±7V/442V±7V                                                           |       |                                    |       |       |        |
|               | Time delay    | 5s                                                                        |       |                                    |       |       |        |
|               | Overload      | MCU (cutting off output for 3 seconds when exceeding rated power by 120%) |       |                                    |       |       |        |
|               | Short circuit | Circuit Breaker                                                           |       |                                    |       |       |        |
|               | Other         | surge, phase-sequence, phase loss                                         |       |                                    |       |       |        |
| Efficiency    | AC-AC         | 98%                                                                       |       |                                    |       |       |        |
| Acoustic      | Noise level   | ≤50dB                                                                     |       |                                    |       |       |        |
| Environment   | Temperature   | -5℃ to 40℃                                                                |       |                                    |       |       |        |
|               | Humidity      | 20% to 90%                                                                |       |                                    |       |       |        |

| Specification |               | 120KVA                                                                    | 150KVA | 200KVA | 250KVA | 300KVA |
|---------------|---------------|---------------------------------------------------------------------------|--------|--------|--------|--------|
| Input         | Phase         | 3-phase 3-wire                                                            |        |        |        |        |
|               | Voltage       | AC 285V-475V(±25%)/266V-494V(±30%)                                        |        |        |        |        |
|               | Frequency     | 50Hz/60Hz                                                                 |        |        |        |        |
| Output        | Voltage       | AC 380V±3%/400V±3%                                                        |        |        |        |        |
|               | Capacity      | 96KW                                                                      | 120KW  | 160KW  | 200KW  | 240KW  |
|               | Frequency     | 50Hz/60Hz                                                                 |        |        |        |        |
| Protection    | Low voltage   | 318±7V/335±7V                                                             |        |        |        |        |
|               | Over voltage  | 425V±7V/442V±7V                                                           |        |        |        |        |
|               | Time delay    | 5s                                                                        |        |        |        |        |
|               | Overload      | MCU (cutting off output for 3 seconds when exceeding rated power by 120%) |        |        |        |        |
|               | Short circuit | Circuit Breaker                                                           |        |        |        |        |
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| Efficiency    | AC-AC         | 98%                                                                       |        |        |        |        |
| Acoustic      | Noise level   | ≤50dB                                                                     |        |        |        |        |
| Environment   | Temperature   | -5°C to 40°C                                                              |        |        |        |        |
|               | Humidity      | 20% to 90%                                                                |        |        |        |        |

## • Product Appearance

### PWR-3



PWR-3-30KVA



PWR-3-45KVA



PWR-3-60KVA



PWR-3-100KVA



PWR-3-150KVA

### ◆ Display



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# PWR-3-LV

## Three Phase Servo Motor Type

15KVA-300KVA



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### • Technical Parameter

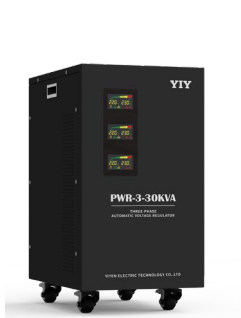
| Specification |                | 15KVA                                                                     | 30KVA | 45KVA | 60KVA | 75KVA | 100KVA |
|---------------|----------------|---------------------------------------------------------------------------|-------|-------|-------|-------|--------|
| Input         | Phase          | 3-phase 3-wire                                                            |       |       |       |       |        |
|               | <b>Voltage</b> | <b>AC 166V-250V(±20%)/156V-260V(±25%)/145V-270V(±30%)</b>                 |       |       |       |       |        |
|               | Frequency      | 50Hz/60Hz                                                                 |       |       |       |       |        |
| Output        | Voltage        | AC 208V±3%/220V±3%                                                        |       |       |       |       |        |
|               | Capacity       | 12KW                                                                      | 24KW  | 36KW  | 48KW  | 60KW  | 80KW   |
|               | Frequency      | 50Hz/60Hz                                                                 |       |       |       |       |        |
| Protection    | Low voltage    | 174±4V/184±4V                                                             |       |       |       |       |        |
|               | Over voltage   | 233V±4V/246V±4V                                                           |       |       |       |       |        |
|               | Time delay     | 5s                                                                        |       |       |       |       |        |
|               | Overload       | MCU (cutting off output for 3 seconds when exceeding rated power by 120%) |       |       |       |       |        |
|               | Short circuit  | Circuit Breaker                                                           |       |       |       |       |        |
|               | Other          | surge, phase-sequence, phase loss                                         |       |       |       |       |        |
| Efficiency    | AC-AC          | 98%                                                                       |       |       |       |       |        |
| Acoustic      | Noise level    | ≤50dB                                                                     |       |       |       |       |        |
| Environment   | Temperature    | -5°C to 40°C                                                              |       |       |       |       |        |
|               | Humidity       | 20% to 90%                                                                |       |       |       |       |        |

| Specification |                | 120KVA                                                                    | 150KVA | 200KVA | 250KVA | 300KVA |
|---------------|----------------|---------------------------------------------------------------------------|--------|--------|--------|--------|
| Input         | Phase          | 3-phase 3-wire                                                            |        |        |        |        |
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|               | Frequency      | 50Hz/60Hz                                                                 |        |        |        |        |
| Output        | Voltage        | AC 208V±3%/220V±3%                                                        |        |        |        |        |
|               | Capacity       | 96KW                                                                      | 120KW  | 160KW  | 200KW  | 240KW  |
|               | Frequency      | 50Hz/60Hz                                                                 |        |        |        |        |
| Protection    | Low voltage    | 174±4V/184±4V                                                             |        |        |        |        |
|               | Over voltage   | 233V±4V/246V±4V                                                           |        |        |        |        |
|               | Time delay     | 5s                                                                        |        |        |        |        |
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| Efficiency    | AC-AC          | 98%                                                                       |        |        |        |        |
| Acoustic      | Noise level    | ≤50dB                                                                     |        |        |        |        |
| Environment   | Temperature    | -5°C to 40°C                                                              |        |        |        |        |
|               | Humidity       | 20% to 90%                                                                |        |        |        |        |



### • Product Appearance

#### PWR-3-LV



PWR-3-LV-30KVA



PWR-3-LV-45KVA



PWR-3-LV-60KVA



PWR-3-LV-100KVA



PWR-3-LV-150KVA

#### ◆ Display



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