

## Power Distribufim Unit Panel(PDU)

### Electrical specifications:

#### ■ Input

- **Voltage:** 3- Phase 3- wire or 3 -phase 4- wire +G: 480V, 415V, 400V, 380V, 220V or 208V, Single phase two wire + G: 88-132VAC/176-264VAC;
- **Voltage range:**  $\pm 10\%$ ;
- **Frequency:** 45Hz-65Hz;

#### ■ Output

- **Power:** 10KVA-300KVA;
- **Voltage:** 3 phase 4wire +G: 415/240V, 400/230V, 380/220V or 208/120V;
- **Waveforms:** Sine wave;
- **Over current protection:** Overload, short-circuit, owed phase;
- **EMI filter:** 10-100KHZ inhibit 40dB  
100-100MHz inhibit 70dB
- **Voltage Surge Protection:** 230V line as 470V, 115Vline as 240V;
- **Input/output connection mode:** MCCB terminal site to provide cable link;
- **Voltage rise / Fall holding time:** 200ms, 50ms, 20ms;

#### ■ Protection

- **Output high / low voltage protection:** When the output to Over 120%+5%, below 80%+5%, output cut automatically;
- **Short Circuit:** When control circuit detect 12 times of full load current, no output;
- **Overload:** Transient load more than 105%,will continue until to over temperature; load over 120%, no output after15 seconds ; load over 150%, no output after 5 seconds;
- **Over temperature:** The temperature of main parts over 85°C,stop working. Below 60°C,supply power automatically;

- **Enduring voltage:** Input to output, input to terra 1.5KVA/minute;

#### ■ Environmental condition

- **Work temperature:** 0 to -40 ° C;
- **Working humidity:** Up to 95% non-condensing;
- **Safety standards:** Comply with UL-1012 standards.

### System features

- **Super isolation :** Input, output isolated complete, avoid noise interference devices;
- **Independent grounding :** Apparatus exclusive earth and network independent, avoid thunder interfere ;
- **Thunder-prevent :** Inside lightning strike protector- the equipment avoid blitzkrieg;
- **High performance filter:** Cacophony is sieved by filter to assure pure AC power;
- **Harmonic restrain:** Unbalance load in apparatus end may restrain 30% of the harmonic, avoid interfere network;
- **Multi-angle protection:** Short circuit, overloads,over temperature,avoid harm the machine in owed phase supplying power; provide a full range and muti-angle protection to the equipment;
- **Portable cabinet :** Setup high- intensity PE truckle, when examine and repair , move easy.