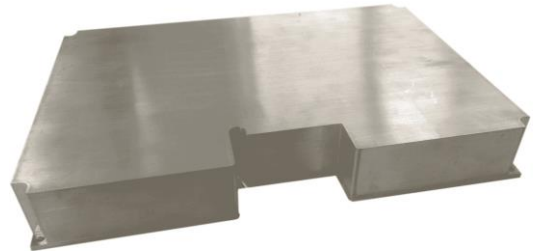


Product Overview

Three-phase PFC converters are widely employed as front-stage converters in high power supply systems. Autec's three-phase PFC converter module, using a unique step-down buck-type topology, can achieve high efficiency, high power factor and low THD in almost the whole load range. Compared to boost-type converters, buck-type systems provides a wider output voltage control range, enable direct start-up, and allow for dynamic current limitation at the output.



Product Features

- Three-phase buck-type unity power factor rectifier
- PF value: up to 0.99
- Efficiency: up to 97.5%
- DSP digital control
- GJB151A-97
- Ambient temperature : -40~60°C
- Baseplate temperature : -40~85°C
- Input UVP/OVP
- Output OCP/OVP/OTP/SCP

Specifications

| Product Name | Input Voltage | Output Voltage | Output Power | Output Current | Size |
|---|------------------------------------|----------------|--------------|----------------|----------------------------------|
| 4kW Three-phase PFC Module HPFC4000-30004000 | three-phase 380V \pm 10%(L-L) | DC 300~400V | 4kW | 10A | 280 \times 192 \times 38mm |
| 10kW Three-phase PFC Module HPFC10000-30004000 | three-phase 380V \pm 10%(L-L) | DC 300~400V | 10kW | 25A | 329 \times 231 \times 39.5mm |