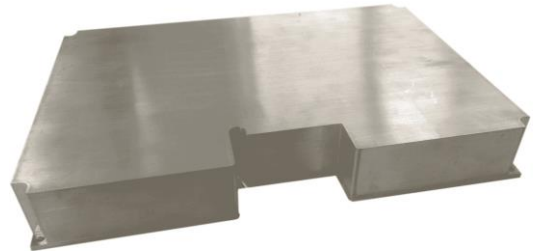


### Product Overview

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