

Model PT-180

PHASETEC's™ digital power conditioner is designed to safely operate electrical equipment in the harshest power quality environments. With a wide input voltage range, user selected output voltages and frequency conversion capabilities, PHASETEC's™ power conditioner can operate anywhere in the world.

PHASETEC's™ digital power conditioner provides the ultimate power quality to protect the most sensitive electrical equipment. Employing double IGBT conversion, PHASETEC's™ power conditioner isolates your equipment from all but total power outage, covering 95% of adverse power events. Why pay for a UPS system if your needs are primarily power conditioning? PHASETEC's™ power conditioner can provide unsurpassed power conditioning at a fraction of the cost.



FEATURES & BENEFITS

- Accepts a wide range of input voltage while maintaining tight voltage regulation
- Four user selected output voltages to operate a wide range of equipment
- 50 or 60 Hz input frequency and user selected output of 50 or 60 Hz allows operation anywhere in the world
- Double IGBT conversion isolates even the most sensitive equipment from dips, sags, surges, transients and harmonics
- Electronic power factor correction protects upstream equipment from harmonic distortion and complies with the IEEE519 standard for harmonics
- High momentary overload capacity for demanding applications
- Optional isolation transformer for dual voltage output and protection from common mode noise
- Low levels of electromagnetic interference

SPECIFICATIONS

SELECTED OUTPUT VOLTAGE	OUTPUT CURRENT, STEADY STATE	RATED OUTPUT** (AT 220V INPUT)
208 V AC	80 A	16.6 KVA
220/110 V AC	80 A*	17.6 KVA
230/115 V AC	80 A*	18.4 KVA
240/120 V AC	80 A*	19.2 KVA

*With isolation transformer, lower voltage current is double

**De-rate linearly as input voltage decreases

INPUT POWER	
Input frequency	50 or 60 Hz, Autosensing
Power factor	Near unity
Input voltage	170 – 277 V AC

OUTPUT POWER	
Output power characteristics	Sinusoidal, <3% total harmonic distortion
Voltage regulation	+/- 2% for entire input voltage range
Output voltage	User selected 208 V, 220 V, 230 V, 240 V
Output frequency	User selected 50 Hz or 60 Hz, +/- 0.05%
Rated current, steady state	80 A

GENERAL	
Efficiency	95% typical
Ambient temperature range	-10 – 40 C
Storage temperature	-20 – 60 C
Weight	180 lbs
Enclosure	Powder coated aluminum with EMI gasketing, wall mount, indoor Type 1
Dimensions H x W x D	31 x 24 x 13
Connections	Hard wired, terminal blocks