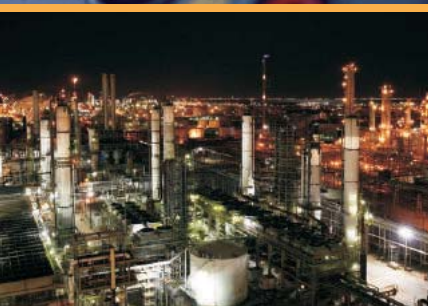


**Frequency Converter**  
**A P S Series**  
 Single Phase / Three Phase  
**0 . 5 - 2 0 0 K V A**



**Allows to precisely emulate all the numerous utility mains voltages and frequencies deployed throughout the world**



## Features & Benefits

- Programmable key lock setting output frequency
- Self test at power on
- Galvanic isolation, no harmonic distortion
- PWM technology enhances compact size, light weight
- IGBT module generates high efficiency, low noise & max. reliability
- Powerful overload capability
- Perfect protection when abnormal condition occurred
- Suitable for use with resistive, capacitive, inductive and non-linear loads

## Applications

- Test laboratory & research centre
- Electrical & electronic equipment testing
- Production & process control systems
- Airport grounding equipment
- Military diagnostic systems
- Communication, avionics & marine equipment

## Technical Specifications

Phase	Single	Three										
Models	0.5-45KVA	3KVA-200KVA										
Type	IGBT/Pulse Width Modulation Type											
<b>Input</b>												
Input Voltage	1Phase 2Wire:110V(2 to 5KVA)/220V/230V/240V ±10%											
	3Phase 4Wire:Wye Type 190/110;200/115;208/120;220/128;230/132;240/139V ±10%											
	3Phase 4Wire:Wye Type 380/220;400/230;415/240;440/254;460/265;480/277V ±10%											
	3Phase 3Wire:Delta Type 220;230;240;380;400;415;440V ±10%											
Input Frequency	47 - 63Hz or 400Hz ±5%											
<b>Output</b>												
Output Voltage	110V Setting(Low Range): 0-150V	(Option: 0-600V)										
	220V Setting(High Range): 0-300V											
Output Accuracy	≤ ±1%											
Frequency	40.0 Hz to 499.9 Hz(Programmable)											
Frequency Stability	≤ ±0.01%											
Distortion(THD)	Pure Sine Wave, ±2%											
Display	4 LED Digital display for frequency, voltage, current and power											
Protections	Electronic Circuit/Circuit Breaker for Overload, Over Temperature, Instant Cut off. Short Circuit											
<b>Environmental</b>												
Temperature	0°C to +40 °C											
Altitude	<1000m											
Relative Humidity	<90%											
Noise	<55dB											
<b>Single Phase Specifications</b>												
Model&capacity	500VA	1KVA	2KVA	3KVA	5KVA	8KVA	10KVA	15KVA	20KVA	30KVA	45KVA	
Dimension(WxDxH)mm	355x370x138			350x530x675			350x550x855			450x630x1000		
<b>Three Phase Specifications</b>												
Model&capacity	3KVA	6KVA	10KVA	15KVA	20KVA	30KVA	45KVA	60KVA	75kVA	100KVA	120KVA	150KVA
Dimension(WxDxH)mm	700x480x1370					800x560x1660		1000x800x1800		1200x800x1850		