

## Power Conditioners and UPS Systems

PerkinElmer/Powervar power quality solutions combine specific technologies that ensure sensitive analytical equipment will operate optimally on a day to day basis and for the long run. Power disturbances can result in quality issues undermining instrument performance and user confidence. Damaged or compromised components, disrupted processes, lack of reliability – they all add up to frustration, broken schedules and costly downtime. The problem is caused by a host of power disturbances – some visible and many invisible – that threaten your equipment’s operation every year. Power ‘disturbances’ are simply those large and small variations in the quality of the electric power you use day in and day out. Some come from your local utility company, but most are created within your own facility as a result of the distribution and use of electrical power. These variations include high-energy voltage transients, sags and swells, electrical noise, and common mode voltage, as well as the power outages everyone witnesses when the lights go out.

### Power Conditioners

#### Features and Benefits

- Conditioners provide clean power at 120, 208, or 240 VAC for loads up to 62 amps
- Dual-output models can protect both high-voltage system loads and low-voltage peripherals at less expense and effort than installing two conditioners
- Protects against: high-voltage surges, common-mode voltage, electrical noise, voltage swells and sags, power outages, unstable AC frequency, ground loops



Instrument Model	Description	Frequency (Hz)	Part No.
<b>Atomic Absorption</b>			
AAAnalyst™ 100/200/300/400	520 VA	60	<b>N9307504</b>
AAAnalyst 100/200/300/400/PinAAcle™ 900 F	750 VA	50	<b>N9307521</b>
AAAnalyst 600/800	5.8 kVA	60	<b>N9307511</b>
AAAnalyst 600/800	6.0 kVA	50	<b>N9307523</b>
AAAnalyst 700	3.8 kVA	60	<b>N9307509</b>
AAAnalyst 700	3.6 kVA	50	<b>N9307522</b>
PinAAcle 900 H/T/Z	5.8 kVA	60	<b>N9307760</b>
PinAAcle 900 H/T/Z	6.0 kVA	50	<b>N9307523</b>
PinAAcle 500/900 F	1440 VA	60	<b>N9307503</b>
PinAAcle 500/900 F	1500 VA	50	<b>N9306752</b>
<b>Inductively Coupled Plasma-OES</b>			
Optima™ 2x00/4x00/5x00/7x00/8x00/Avio 200/500	3.8 kVA	60	<b>N9307512</b>
Optima 2x00/4x00/5x00/7x00/8x00/Avio 200/500	3.6 kVA	50	<b>N9307522</b>
<b>Inductively Coupled Plasma-MS</b>			
ELAN® 6x00/9000 Controller Side	3.8 kVA	60	<b>N9307519</b>
ELAN 6x00/9000 Controller Side	3.6 kVA	50	<b>N9307522</b>
AAAnalyst 600/800/ELAN 6x00/9000 RF Generator Side	5.8 kVA	60	<b>N9307511</b>
ELAN 6x00/9000/NexION® RF Generator Side	6.0 kVA	50	<b>N9307523</b>
NexION 300/350/1000/2000	5.0 kVA	60	<b>N0777690</b>
<b>Titan MPS™</b>			
Titan MPS	2.0 kVA	60	<b>N9306758</b>
Titan MPS	2.0 kVA	50	<b>N9306755</b>

Power Conditioners include a POWERVAR five-year warranty on parts and labor.