

Input Voltage (VRMS) ( $\pm 10\%$ ) ..... See Table  
Frequency Range (KHz) ..... See Table  
Output Power ..... 250VA  
Regulation\*\* ..... 4.0 %  
Efficiency\*\* ..... 95%  
Temperature Class ..... 130°C  
Ambient Temperature Range ..... -40°C to +85°C  
Temperature Rise\*\* ..... 5°C

Primary Inductance (mH) Typical: ..... See Table  
Coupling Capacitance (pF) Maximum ..... See Table  
Leakage Inductance\*\* (mH) Nominal ..... See Table  
Dielectric Strength Tested: ..... 8KVrms @60Hz.  
Primary and Shield to all Secondaries  
Partial Discharge (Corona) Tested: ..... 4KVrms @60Hz.  
Primary and Shield to all Secondaries  
BIL Rating: ..... 15KV  
\*\*Approximate values (Contact us for defined limits)

Configuration Number	Schematic	Primary			Secondary	
		Input (Vrms)	Inductance (mH—Typ.)	Frequency Range KHz	Output (Vrms) @Arms	
					Secondary 1	Secondary 2
P4000-36-18-18	1A/1B	36	2.15	10-50	18.0 @ 6.944	18.0 @ 6.944
P4000-36-18-0	2A/2B				18.0 @ 13.89	
P4000-36-18-0	3A/3B				18.0 @ 13.89	
P4000-48-18-18	1A/1B	48	2.25		18.0 @ 6.944	18.0 @ 6.944
P4000-48-18-0	2A/2B				18.0 @ 13.89	
P4000-48-18-0	3A/3B				18.0 @ 13.89	
P4000-100-18-18	1A/1B	100	2.37		18.0 @ 6.944	18.0 @ 6.944
P4000-100-18-0	2A/2B				18.0 @ 13.89	
P4000-100-18-0	3A/3B				18.0 @ 13.89	
P4000-36-18-18	1A/1B	36	0.60	50-100	18.0 @ 6.944	18.0 @ 6.944
P4000-36-18-0	2A/2B				18.0 @ 13.89	
P4000-36-18-0	3A/3B				18.0 @ 13.89	
P4000-48-18-18	1A/1B	48	0.72		18.0 @ 6.944	18.0 @ 6.944
P4000-48-18-0	2A/2B				18.0 @ 13.89	
P4000-48-18-0	3A/3B				18.0 @ 13.89	
P4000-100-18-18	1A/1B	100	0.80		18.0 @ 6.944	18.0 @ 6.944
P4000-100-18-0	2A/2B				18.0 @ 13.89	
P4000-100-18-0	3A/3B				18.0 @ 13.89	
P4000-36-18-18	1A/1B	36	0.35	100-250	18.0 @ 6.944	18.0 @ 6.944
P4000-36-18-0	2A/2B				18.0 @ 13.89	
P4000-36-18-0	3A/3B				18.0 @ 13.89	
P4000-48-18-18	1A/1B	48	0.37		18.0 @ 6.944	18.0 @ 6.944
P4000-48-18-0	2A/2B				18.0 @ 13.89	
P4000-48-18-0	3A/3B				18.0 @ 13.89	
P4000-100-18-18	1A/1B	100	0.40		18.0 @ 6.944	18.0 @ 6.944
P4000-100-18-0	2A/2B				18.0 @ 13.89	
P4000-100-18-0	3A/3B				18.0 @ 13.89	

**P4000 Parasitic Values**

Frequency KHz	Voltage RMS	Leakage Inductance $\mu$ H (Typ.)	Capacitance pF (Typ.)
10 - 50	36	15	25
	48	25	35
	100	35	50
50 - 100	36	10	20
	48	15	25
	100	20	45
100 - 250	36	5	15
	48	10	20
	100	15	30

