

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
IS4000-36-18-18	1A/1B	36	3.90	10-50	18.0 @ 6.944	18.0 @ 6.944
IS4000-36-18-0	2A/2B				18.0 @ 13.89	
IS4000-36-18-0	3A/3B				18.0 @ 13.89	
IS4000-48-18-18	1A/1B	48	4.30		18.0 @ 6.944	18.0 @ 6.944
IS4000-48-18-0	2A/2B				18.0 @ 13.89	
IS4000-48-18-0	3A/3B				18.0 @ 13.89	
IS4000-100-18-18	1A/1B	100	4.90		18.0 @ 6.944	18.0 @ 6.944
IS4000-100-18-0	2A/2B				18.0 @ 13.89	
IS4000-100-18-0	3A/3B				18.0 @ 13.89	
IS4000-36-18-18	1A/1B	36	2.20	50-100	18.0 @ 6.944	18.0 @ 6.944
IS4000-36-18-0	2A/2B				18.0 @ 13.89	
IS4000-36-18-0	3A/3B				18.0 @ 13.89	
IS4000-48-18-18	1A/1B	48	2.70		18.0 @ 6.944	18.0 @ 6.944
IS4000-48-18-0	2A/2B				18.0 @ 13.89	
IS4000-48-18-0	3A/3B				18.0 @ 13.89	
IS4000-100-18-18	1A/1B	100	3.50		18.0 @ 6.944	18.0 @ 6.944
IS4000-100-18-0	2A/2B				18.0 @ 13.89	
IS4000-100-18-0	3A/3B				18.0 @ 13.89	
IS4000-36-18-18	1A/1B	36	1.00	100-250	18.0 @ 6.944	18.0 @ 6.944
IS4000-36-18-0	2A/2B				18.0 @ 13.89	
IS4000-36-18-0	3A/3B				18.0 @ 13.89	
IS4000-48-18-18	1A/1B	48	1.50		18.0 @ 6.944	18.0 @ 6.944
IS4000-48-18-0	2A/2B				18.0 @ 13.89	
IS4000-48-18-0	3A/3B				18.0 @ 13.89	
IS4000-100-18-18	1A/1B	100	2.10		18.0 @ 6.944	18.0 @ 6.944
IS4000-100-18-0	2A/2B				18.0 @ 13.89	
IS4000-100-18-0	3A/3B				18.0 @ 13.89	

**IS4000 Parasitic Values**

Frequency KHz	Voltage RMS	Leakage Inductance μH (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

