

Input Voltage (VRMS) ( $\pm 10\%$ ) ..... See Table  
 Frequency Range (KHz) ..... See Table  
 Output Power ..... 75VA  
 Regulation\*\* ..... 3.0 %  
 Efficiency\*\* ..... 93%  
 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: ..... 4.5KVrms @60Hz.  
 Primary and Shield to all Secondaries  
 Partial Discharge (Corona) Tested: ..... 3KVrms @60Hz.  
 Primary and Shield to all Secondaries  
 BIL Rating: ..... 14KV  
 \*\*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
IS3000-36-18-18	1A/1B	36	2.40	10-50	18.0 @ 2.083	18.0 @ 2.083
IS3000-36-18-0	2A/2B				18.0 @ 4.167	
IS3000-36-18-0	3A/3B				18.0 @ 4.167	
IS3000-48-18-18	1A/1B	48	3.57		18.0 @ 2.083	18.0 @ 2.083
IS3000-48-18-0	2A/2B				18.0 @ 4.167	
IS3000-48-18-0	3A/3B				18.0 @ 4.167	
IS3000-100-18-18	1A/1B	100	12.96		18.0 @ 2.083	18.0 @ 2.083
IS3000-100-18-0	2A/2B				18.0 @ 4.167	
IS3000-100-18-0	3A/3B				18.0 @ 4.167	
IS3000-36-18-18	1A/1B	36	1.13	50-100	18.0 @ 2.083	18.0 @ 2.083
IS3000-36-18-0	2A/2B				18.0 @ 4.167	
IS3000-36-18-0	3A/3B				18.0 @ 4.167	
IS3000-48-18-18	1A/1B	48	2.18		18.0 @ 2.083	18.0 @ 2.083
IS3000-48-18-0	2A/2B				18.0 @ 4.167	
IS3000-48-18-0	3A/3B				18.0 @ 4.167	
IS3000-100-18-18	1A/1B	100	5.57		18.0 @ 2.083	18.0 @ 2.083
IS3000-100-18-0	2A/2B				18.0 @ 4.167	
IS3000-100-18-0	3A/3B				18.0 @ 4.167	
IS3000-36-18-18	1A/1B	36	0.70	100-250	18.0 @ 2.083	18.0 @ 2.083
IS3000-36-18-0	2A/2B				18.0 @ 4.167	
IS3000-36-18-0	3A/3B				18.0 @ 4.167	
IS3000-48-18-18	1A/1B	48	1.00		18.0 @ 2.083	18.0 @ 2.083
IS3000-48-18-0	2A/2B				18.0 @ 4.167	
IS3000-48-18-0	3A/3B				18.0 @ 4.167	
IS3000-100-18-18	1A/1B	100	1.20		18.0 @ 2.083	18.0 @ 2.083
IS3000-100-18-0	2A/2B				18.0 @ 4.167	
IS3000-100-18-0	3A/3B				18.0 @ 4.167	

**IS3000 Parasitic Values**

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

