

Input Voltage (VRMS) ( $\pm 10\%$ ) ..... See Table  
 Frequency Range (KHz) ..... See Table  
 Output Power ..... 15VA  
 Regulation\*\* ..... 4.0 %  
 Efficiency\*\* ..... 85 %  
 Temperature Class ..... 130°C  
 Ambient Temperature Range ..... -40°C to +85°C  
 Temperature Rise\*\* ..... 15°C

Primary Inductance (mH) Typical: ..... See Table  
 Coupling Capacitance (pF) Maximum ..... See Table  
 Leakage Inductance\*\* (mH) Nominal ..... See Table  
 Dielectric Strength Tested: ..... 5500Vrms @60Hz.  
 Primary and Shield to all Secondaries  
 Partial Discharge (Corona) Tested: .... 2000Vrms @60Hz.  
 Primary and Shield to all Secondaries  
 BIL Rating: ..... 3000V  
 \*\*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
ST2000-36-18-18	1A/1B	2.50	7.20	15-50	18.0 @ 0.417	18.0 @ 0.417
ST2000-36-18-0	2A/2B				18.0 @ 0.833	
IST2000-36-18-0	3A/3B				18.0 @ 0.833	
ST2000-48-18-18	1A/1B	2.80	8.80		18.0 @ 0.417	18.0 @ 0.417
ST2000-48-18-0	2A/2B				18.0 @ 0.833	
ST2000-48-18-0	3A/3B				18.0 @ 0.833	
ST2000-150-18-18	1A/1B	3.30	15.40		18.0 @ 0.417	18.0 @ 0.417
ST2000-150-18-0	2A/2B				18.0 @ 0.833	
ST2000-150-18-0	3A/3B				18.0 @ 0.833	
ST2001-36-18-18	1A/1B	0.70	3.60	50-150	18.0 @ 0.417	18.0 @ 0.417
ST2001-36-18-0	2A/2B				18.0 @ 0.833	
ST2001-36-18-0	3A/3B				18.0 @ 0.833	
ST2001-48-18-18	1A/1B	0.75	5.00		18.0 @ 0.417	18.0 @ 0.417
ST2001-48-18-0	2A/2B				18.0 @ 0.833	
ST2001-48-18-0	3A/3B				18.0 @ 0.833	
ST2001-150-18-18	1A/1B	0.80	6.80		18.0 @ 0.417	18.0 @ 0.417
ST2001-150-18-0	2A/2B				18.0 @ 0.833	
ST2001-150-18-0	3A/3B				18.0 @ 0.833	
ST2002-36-18-18	1A/1B	0.50	1.20	150-250	18.0 @ 0.417	18.0 @ 0.417
ST2002-36-18-0	2A/2B				18.0 @ 0.833	
ST2002-36-18-0	3A/3B				18.0 @ 0.833	
ST2002-48-18-18	1A/1B	0.55	1.80		18.0 @ 0.417	18.0 @ 0.417
ST2002-48-18-0	2A/2B				18.0 @ 0.833	
ST2002-48-18-0	3A/3B				18.0 @ 0.833	
ST2002-150-18-18	1A/1B	0.60	2.20		18.0 @ 0.417	18.0 @ 0.417
ST2002-150-18-0	2A/2B				18.0 @ 0.833	
ST2002-150-18-0	3A/3B				18.0 @ 0.833	

**ST2000 Parasitic Values**

Frequency KHz	Voltage RMS	Leakage Inductance μH (Typ.)	Capacitance pF (Typ.)
10 - 50	36	25	35
	48	35	40
	100	50	50
50 - 100	36	20	25
	48	30	30
	100	40	40
100 - 250	36	15	15
	48	20	20
	100	25	30

