

Input Voltage (VRMS) ( $\pm 10\%$ ) ..... See Table  
 Frequency Range (KHz) ..... See Table  
 Output Power ..... 10VA  
 Regulation\*\* ..... 4.0 %  
 Efficiency\*\* ..... 85 %  
 Temperature Class ..... 130°C  
 Ambient Temperature Range ..... -40°C to +85°C  
 Temperature Rise\*\* ..... 10°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
ST1000-36-18-18	1A/1B	36	2.00	10-50	18.0 @ 0.278	18.0 @ 0.278
ST1000-36-18-0	2A/2B				18.0 @ 0.556	
ST1000-36-18-0	3A/3B				18.0 @ 0.556	
ST1000-48-18-18	1A/1B	48	4.40		18.0 @ 0.278	18.0 @ 0.278
ST1000-48-18-0	2A/2B				18.0 @ 0.556	
ST1000-48-18-0	3A/3B				18.0 @ 0.556	
ST1000-100-18-18	1A/1B	100	4.60		18.0 @ 0.278	18.0 @ 0.278
ST1000-100-18-0	2A/2B				18.0 @ 0.556	
ST1000-100-18-0	3A/3B				18.0 @ 0.556	
ST1001-36-18-18	1A/1B	36	1.40	50-100	18.0 @ 0.278	18.0 @ 0.278
ST1001-36-18-0	2A/2B				18.0 @ 0.556	
ST1001-36-36-0	3A/3B				18.0 @ 0.556	
ST1001-48-18-18	1A/1B	48	1.50		18.0 @ 0.278	18.0 @ 0.278
ST1001-48-18-0	2A/2B				18.0 @ 0.556	
ST1001-48-18-0	3A/3B				18.0 @ 0.556	
ST1001-100-18-0	1A/1B	100	1.70		18.0 @ 0.278	18.0 @ 0.278
ST1001-100-18-0	2A/2B				18.0 @ 0.556	
ST1001-100-18-0	3A/3B				18.0 @ 0.556	
ST1002-36-18-18	1A/1B	36	0.60	100-250	18.0 @ 0.278	18.0 @ 0.278
ST1002-36-18-0	2A/2B				18.0 @ 0.556	
ST1002-36-18-0	3A/3B				18.0 @ 0.556	
ST1002-48-18-18	1A/1B	48	0.70		18.0 @ 0.278	18.0 @ 0.278
ST1002-48-18-0	2A/2B				18.0 @ 0.556	
ST1002-48-18-0	3A/3B				18.0 @ 0.556	
ST1002-100-18-18	1A/1B	100	1.20		18.0 @ 0.278	18.0 @ 0.278
ST1002-100-18-0	2A/2B				18.0 @ 0.556	
ST1002-100-18-0	3A/3B				18.0 @ 0.556	

**ST1000 Parasitic Values**

Frequency KHz	Voltage RMS	Leakage Inductance $\mu$ H (Typ.)	Capacitance pF (Typ.)
10 - 50	36	15	10
	48	25	20
	100	35	25
50 - 100	36	12	5
	48	15	5
	100	25	5
100 - 250	36	8	5
	48	10	5
	100	15	5

