

Input Voltage (VRMS) ( $\pm 10\%$ ) ..... See Table  
 Frequency Range (KHz) ..... See Table  
 Output Power ..... 25VA  
 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: ..... 2200Vrms @60Hz.  
 Primary and Shield to all Secondaries  
 Partial Discharge (Corona) Tested: .... 1100Vrms @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
ST1100-36-18-18	1A/1B	36	4.20	10-50	18.0 @ 0.694	18.0 @ 0.694
ST1100-36-18-0	2A/2B				18.0 @ 1.333	
ST1100-36-18-0	3A/3B				18.0 @ 1.333	
ST1100-48-18-18	1A/1B	48	4.40		18.0 @ 0.694	18.0 @ 0.694
ST1100-48-18-0	2A/2B				18.0 @ 1.333	
ST11000-48-18-0	3A/3B				18.0 @ 1.333	
ST1100-100-18-18	1A/1B	100	4.60		18.0 @ 0.694	18.0 @ 0.694
ST1100-100-18-0	2A/2B				18.0 @ 1.333	
ST1100-100-18-0	3A/3B				18.0 @ 1.333	
ST1101-36-18-18	1A/1B	36	1.20	50-100	18.0 @ 0.694	18.0 @ 0.694
ST1101-36-18-0	2A/2B				18.0 @ 1.333	
ST1101-36-18-0	3A/3B				18.0 @ 1.333	
ST1101-48-18-18	1A/1B	48	1.40		18.0 @ 0.694	18.0 @ 0.694
ST1101-48-18-0	2A/2B				18.0 @ 1.333	
ST1101-48-18-0	3A/3B				18.0 @ 1.333	
ST1101-100-18-0	1A/1B	100	1.60		18.0 @ 0.694	18.0 @ 0.694
ST1101-100-18-0	2A/2B				18.0 @ 1.333	
ST1101-100-18-0	3A/3B				18.0 @ 1.333	
ST1102-36-18-18	1A/1B	36	0.60	100-250	18.0 @ 0.694	18.0 @ 0.694
ST1102-36-18-0	2A/2B				18.0 @ 1.333	
ST1102-36-18-0	3A/3B				18.0 @ 1.333	
ST1102-48-18-18	1A/1B	48	0.70		18.0 @ 0.694	18.0 @ 0.694
ST1102-48-18-0	2A/2B				18.0 @ 1.333	
ST1102-48-18-0	3A/3B				18.0 @ 1.333	
ST1102-100-18-18	1A/1B	100	0.80		18.0 @ 0.694	18.0 @ 0.694
ST1102-100-18-0	2A/2B				18.0 @ 1.333	
ST1102-100-18-0	3A/3B				18.0 @ 1.333	

**ST1100 Parasitic Values**

Frequency KHz	Voltage RMS	Leakage Inductance $\mu\text{H}$ (Typ.)	Capacitance $\text{pF}$ (Typ.)
10 - 50	36	30	25
	48	35	30
	100	40	35
50 - 100	36	10	12
	48	15	15
	100	20	22
100 - 250	36	5	5
	48	10	8
	100	15	12

