

Input Voltage (VRMS) ($\pm 10\%$) See Table
 Frequency Range (KHz) See Table
 Output Power 25VA
 Regulation** 4.0 %
 Efficiency** 95 %
 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
IS1100-36-18-18	1A/1B	36	2.10	10-50	18.0 @ 0.694	18.0 @ 0.694
IS1100-36-18-0	2A/2B				18.0 @ 1.333	
IS1100-36-18-0	3A/3B				18.0 @ 1.333	
IS1100-48-18-18	1A/1B	48	2.20		18.0 @ 0.694	18.0 @ 0.694
IS1100-48-18-0	2A/2B				18.0 @ 1.333	
IS1100-48-18-0	3A/3B				18.0 @ 1.333	
IS1100-100-18-18	1A/1B	100	2.30		18.0 @ 0.694	18.0 @ 0.694
IS1100-100-18-0	2A/2B				18.0 @ 1.333	
IS1100-100-18-0	3A/3B				18.0 @ 1.333	
IS1101-36-18-18	1A/1B	36	0.60	50-100	18.0 @ 0.694	18.0 @ 0.694
IS1101-36-18-0	2A/2B				18.0 @ 1.333	
IS1101-36-18-0	3A/3B				18.0 @ 1.333	
IS1101-48-18-18	1A/1B	48	0.70		18.0 @ 0.694	18.0 @ 0.694
IS1101-48-18-0	2A/2B				18.0 @ 1.333	
IS1101-48-18-0	3A/3B				18.0 @ 1.333	
IS1101-100-18-0	1A/1B	100	0.80		18.0 @ 0.694	18.0 @ 0.694
IS1101-100-18-0	2A/2B				18.0 @ 1.333	
IS1101-100-18-0	3A/3B				18.0 @ 1.333	
IS1102-36-18-18	1A/1B	36	0.30	100-250	18.0 @ 0.694	18.0 @ 0.694
IS1102-36-18-0	2A/2B				18.0 @ 1.333	
IS1102-36-18-0	3A/3B				18.0 @ 1.333	
IS1102-48-18-18	1A/1B	48	0.35		18.0 @ 0.694	18.0 @ 0.694
IS1102-48-18-0	2A/2B				18.0 @ 1.333	
IS1102-48-18-0	3A/3B				18.0 @ 1.333	
IS1102-100-18-18	1A/1B	100	0.40		18.0 @ 0.694	18.0 @ 0.694
IS1102-100-18-0	2A/2B				18.0 @ 1.333	
IS1102-100-18-0	3A/3B				18.0 @ 1.333	

IS1100 Parasitic Values

Frequency KHz	Voltage RMS	Leakage Inductance μH (Typ.)	Capacitance 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

