

Input Voltage (VRMS) ($\pm 10\%$) See Table
 Frequency Range (KHz) See Table
 Output Power 150VA
 Regulation** 4.0 %
 Efficiency** 95%
 Temperature Class 130°C
 Ambient Temperature Range -40°C to +85°C
 Temperature Rise** 8°C

Primary Inductance (mH) Typical: See Table
 Coupling Capacitance (pF) Maximum See Table
 Leakage Inductance** (mH) Nominal See Table
 Dielectric Strength Tested: 7KVrms @60Hz.
 Primary and Shield to all Secondaries
 Partial Discharge (Corona) Tested: 3.5KVrms @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
IS3500-36-18-18	1A/1B	36	6.60	10-50	18.0 @ 4.167	18.0 @ 4.167
IS3500-36-18-0	2A/2B				18.0 @ 8.333	
IS3500-36-18-0	3A/3B				18.0 @ 8.333	
IS3500-48-18-18	1A/1B	48	7.10		18.0 @ 4.167	18.0 @ 4.167
IS3500-48-18-0	2A/2B				18.0 @ 8.333	
IS3500-48-18-0	3A/3B				18.0 @ 8.333	
IS3500-100-18-18	1A/1B	100	8.20		18.0 @ 4.167	18.0 @ 4.167
IS3500-100-18-0	2A/2B				18.0 @ 8.333	
IS3500-100-18-0	3A/3B				18.0 @ 8.333	
IS3500-36-18-18	1A/1B	36	5.10	50-100	18.0 @ 4.167	18.0 @ 4.167
IS3500-36-18-0	2A/2B				18.0 @ 8.333	
IS3500-36-18-0	3A/3B				18.0 @ 8.333	
IS3500-48-18-18	1A/1B	48	5.60		18.0 @ 4.167	18.0 @ 4.167
IS3500-48-18-0	2A/2B				18.0 @ 8.333	
IS3500-48-18-0	3A/3B				18.0 @ 8.333	
IS3500-100-18-18	1A/1B	100	7.40		18.0 @ 4.167	18.0 @ 4.167
IS3500-100-18-0	2A/2B				18.0 @ 8.333	
IS3500-100-18-0	3A/3B				18.0 @ 8.333	
IS3500-36-18-18	1A/1B	36	2.60	100-250	18.0 @ 4.167	18.0 @ 4.167
IS3500-36-18-0	2A/2B				18.0 @ 8.333	
IS3500-36-18-0	3A/3B				18.0 @ 8.333	
IS3500-48-18-18	1A/1B	48	3.10		18.0 @ 4.167	18.0 @ 4.167
IS3500-48-18-0	2A/2B				18.0 @ 8.333	
IS3500-48-18-0	3A/3B				18.0 @ 8.333	
IS3500-100-18-18	1A/1B	100	4.10		18.0 @ 4.167	18.0 @ 4.167
IS3500-100-18-0	2A/2B				18.0 @ 8.333	
IS3500-100-18-0	3A/3B				18.0 @ 8.333	

IS3500 Parasitic Values

Frequency KHz	Voltage RMS	Leakage Inductance μH (Typ.)	Capacitance pF (Typ.)
10 - 50	36	40	30
	48	45	35
	100	50	50
50 - 100	36	35	25
	48	40	30
	100	45	45
100 - 250	36	20	15
	48	35	20
	100	40	30

