

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** 15°C

Primary Inductance (mH) Typical: See Table
 Coupling Capacitance (pF) Maximum See Table
 Leakage Inductance** (mH) Nominal See Table
 Dielectric Strength Tested: 3.2KVrms @60Hz.
 Primary and Shield to all Secondaries
 Partial Discharge (Corona) Tested: 2.3KVrms @60Hz.
 Primary and Shield to all Secondaries
 BIL Rating: 7KV
 **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
IS2300-36-18-18	1A/1B	36	3.60	10-50	18.0 @ 0.417	18.0 @ 0.417
IS2300-36-18-0	2A/2B				18.0 @ 0.833	
IS2300-36-18-0	3A/3B				18.0 @ 0.833	
IS2300-48-18-18	1A/1B	48	4.40		18.0 @ 0.417	18.0 @ 0.417
IS2300-48-18-0	2A/2B				18.0 @ 0.833	
IS2300-48-18-0	3A/3B				18.0 @ 0.833	
IS2300-100-18-18	1A/1B	100	5.20		18.0 @ 0.417	18.0 @ 0.417
IS2300-100-18-0	2A/2B				18.0 @ 0.833	
IS2300-100-18-0	3A/3B				18.0 @ 0.833	
IS2301-36-18-18	1A/1B	36	1.80	50-100	18.0 @ 0.417	18.0 @ 0.417
IS2301-36-18-0	2A/2B				18.0 @ 0.833	
IS2301-36-18-0	3A/3B				18.0 @ 0.833	
IS2301-48-18-18	1A/1B	48	2.50		18.0 @ 0.417	18.0 @ 0.417
IS2301-48-18-0	2A/2B				18.0 @ 0.833	
IS2301-48-18-0	3A/3B				18.0 @ 0.833	
IS2301-100-18-18	1A/1B	100	4.62		18.0 @ 0.417	18.0 @ 0.417
IS2301-100-18-0	2A/2B				18.0 @ 0.833	
IS2301-100-18-0	3A/3B				18.0 @ 0.833	
IS2302-36-18-18	1A/1B	36	1.23	100-250	18.0 @ 0.417	18.0 @ 0.417
IS2302-36-18-0	2A/2B				18.0 @ 0.833	
IS2302-36-18-0	3A/3B				18.0 @ 0.833	
IS2302-48-18-18	1A/1B	48	1.70		18.0 @ 0.417	18.0 @ 0.417
IS2302-48-18-0	2A/2B				18.0 @ 0.833	
IS2302-48-18-0	3A/3B				18.0 @ 0.833	
IS2302-100-18-18	1A/1B	100	3.95		18.0 @ 0.417	18.0 @ 0.417
IS2302-100-18-0	2A/2B				18.0 @ 0.833	
IS2302-100-18-0	3A/3B				18.0 @ 0.833	

IS2300 Parasitic Values

Frequency KHz	Voltage RMS	Leakage Inductance μ H (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

