

Input Voltage (VRMS) ($\pm 10\%$) See Table
 Frequency Range (KHz) See Table
 Output Power 75VA
 Regulation** 3.0 %
 Efficiency** 93%
 Temperature Class 130°C
 Ambient Temperature Range -40°C to +85°C
 Temperature Rise** 5°C

Primary Inductance (mH) Typical: See Table
 Coupling Capacitance (pF) Maximum See Table
 Leakage Inductance** (mH) Nominal See Table
 Dielectric Strength Tested: 4.5KVrms @60Hz.
 Primary and Shield to all Secondaries
 Partial Discharge (Corona) Tested: 3KVrms @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
SM3000-36-18-18	1A/1B	36	2.40	10-50	18.0 @ 2.083	18.0 @ 2.083
SM3000-36-18-0	2A/2B				18.0 @ 4.167	
SM3000-36-18-0	3A/3B				18.0 @ 4.167	
SM3000-48-18-18	1A/1B	48	3.57		18.0 @ 2.083	18.0 @ 2.083
SM3000-48-18-0	2A/2B				18.0 @ 4.167	
SM3000-48-18-0	3A/3B				18.0 @ 4.167	
SM3000-100-18-18	1A/1B	100	12.96		18.0 @ 2.083	18.0 @ 2.083
SM3000-100-18-0	2A/2B				18.0 @ 4.167	
SM3000-100-18-0	3A/3B				18.0 @ 4.167	
SM3000-36-18-18	1A/1B	36	1.13	50-100	18.0 @ 2.083	18.0 @ 2.083
SM3000-36-18-0	2A/2B				18.0 @ 4.167	
SM3000-36-18-0	3A/3B				18.0 @ 4.167	
SM3000-48-18-18	1A/1B	48	2.18		18.0 @ 2.083	18.0 @ 2.083
SM3000-48-18-0	2A/2B				18.0 @ 4.167	
SM3000-48-18-0	3A/3B				18.0 @ 4.167	
SM3000-100-18-18	1A/1B	100	5.57		18.0 @ 2.083	18.0 @ 2.083
SM3000-100-18-0	2A/2B				18.0 @ 4.167	
SM3000-100-18-0	3A/3B				18.0 @ 4.167	
SM3000-36-18-18	1A/1B	36	0.70	100-250	18.0 @ 2.083	18.0 @ 2.083
SM3000-36-18-0	2A/2B				18.0 @ 4.167	
SM3000-36-18-0	3A/3B				18.0 @ 4.167	
SM3000-48-18-18	1A/1B	48	1.00		18.0 @ 2.083	18.0 @ 2.083
SM3000-48-18-0	2A/2B				18.0 @ 4.167	
SM3000-48-18-0	3A/3B				18.0 @ 4.167	
SM3000-100-18-18	1A/1B	100	1.20		18.0 @ 2.083	18.0 @ 2.083
SM3000-100-18-0	2A/2B				18.0 @ 4.167	
SM3000-100-18-0	3A/3B				18.0 @ 4.167	

SM3000 Parasitic Values

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

