

Input Voltage (VRMS) ( $\pm 10\%$ ) ..... See Table  
 Frequency Range (KHz) ..... See Table  
 Output Power ..... 2KVA  
 Regulation\*\* ..... 2.0 %  
 Efficiency\*\* ..... 98%  
 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: ..... 3KVrms @60Hz.  
 Primary and Shield to all Secondaries  
 Partial Discharge (Corona) Tested: ..... 2.2KVrms @60Hz.  
 Primary and Shield to all Secondaries  
 BIL Rating: ..... 8KV  
 \*\*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
SM2200-36-18-18	1A/1B	36	2.10	10-50	18.0 @ 55.5	18.0 @ 55.5
SM2200-36-18-0	2A/2B				18.0 @ 111	
SM2200-36-18-0	3A/3B				18.0 @ 111	
SM2200-48-18-18	1A/1B	48	2.90		18.0 @ 55.5	18.0 @ 55.5
SM2200-48-18-0	2A/2B				18.0 @ 111	
SM2200-48-18-0	3A/3B				18.0 @ 111	
SM2200-100-18-18	1A/1B	100	4.20		18.0 @ 55.5	18.0 @ 55.5
SM2200-100-18-0	2A/2B				18.0 @ 111	
SM2200-100-18-0	3A/3B				18.0 @ 111	
SM2201-36-18-18	1A/1B	36	1.20	50-100	18.0 @ 55.5	18.0 @ 55.5
SM2201-36-18-0	2A/2B				18.0 @ 111	
SM2201-36-18-0	3A/3B				18.0 @ 111	
SM2201-48-18-18	1A/1B	48	1.70		18.0 @ 55.5	18.0 @ 55.5
SM2201-48-18-0	2A/2B				18.0 @ 111	
SM2201-48-18-0	3A/3B				18.0 @ 111	
SM2201-100-18-18	1A/1B	100	2.80		18.0 @ 55.5	18.0 @ 55.5
SM2201-100-18-0	2A/2B				18.0 @ 111	
SM2201-100-18-0	3A/3B				18.0 @ 111	
SM2202-36-18-18	1A/1B	36	0.80	100-250	18.0 @ 55.5	18.0 @ 55.5
SM2202-36-18-0	2A/2B				18.0 @ 111	
SM2202-36-18-0	3A/3B				18.0 @ 111	
SM2202-48-18-18	1A/1B	48	1.30		18.0 @ 55.5	18.0 @ 55.5
SM2202-48-18-0	2A/2B				18.0 @ 111	
SM2202-48-18-0	3A/3B				18.0 @ 111	
SM2202-100-18-18	1A/1B	100	1.90		18.0 @ 55.5	18.0 @ 55.5
SM2202-100-18-0	2A/2B				18.0 @ 111	
SM2202-100-18-0	3A/3B				18.0 @ 111	

**SM2200 Parasitic Values**

Frequency KHz	Voltage RMS	Leakage Inductance $\mu\text{H}$ (Typ.)	Capacitance $\text{pF}$ (Typ.)
10 - 50	36	0	10
	48	15	15
	100	50	20
50 - 100	36	4	8
	48	7	12
	100	15	15
100 - 250	36	3	5
	48	5	8
	100	7	12

