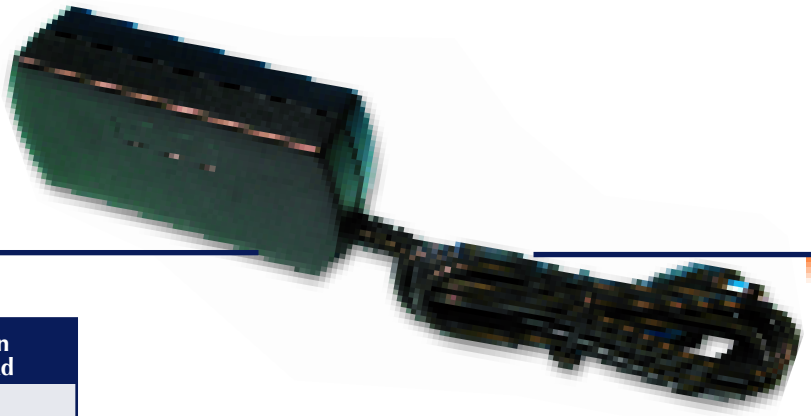


# LVC36 Series



Single output 30W to 36W AC/DC External Adapters

- Cost efficient designs
- World-wide safety approvals
- Small case size
- EN55022-B, FCC Part 15 Level B Noise



Model Number	Case Type	Voltage/Current	Min Load
LVC30FS12E	FS	12V@2.5A	0A
LVC30FS15E	FS	15V@2.0A	0A
LVC36FS19E	FS	19V@1.9A	0A
LVC36FS24E	FS	24V@1.5A	0A

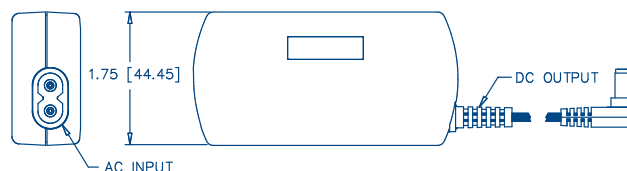
INPUT SPECIFICATIONS		
AC Input	Universal	90 264V
Efficiency	Typical	80%
Input Frequency		47-63 Hz
Input Current	Full load at low line	1.2Arms, max
Inrush Current	High line, cold start	40A, max
Leakage Current		<250µA

EMC AND SAFETY SPECIFICATIONS	
CE Mark	Complies with the Low Voltage and EMC Directives
EMC - Emissions	EN55022-B, CISPR22-B, FCC Part 15 Class B, EN50082-1
EMC - Susceptibility	EN61000-4-2, -4, -5 Level 3
Agency Approvals	Class 2 SELV: VDE, UL, c-UL, QAS, PSE, C-Tick, CCC
Safety Standards	IEC950, CSA C22.2 No 950, EN60950, UL1950 Class 2 SELV
Safety File numbers	VDE: 18934-3336 UL: E150565

ENVIRONMENTAL SPECIFICATIONS		
Operating Temperature		0 to 40°C
Storage Temperature		-40 to 85°C
Cooling		Convection
Relative Humidity	Non condensing	95%, max
MTBF	MIL-HDBK-217F	>100,000 hrs

OUTPUT SPECIFICATIONS		
Output Power		30 to 36W
Minimum Load		0.0A
Hold-Up Time		>10ms
Set Point Accuracy		<3%
Line Regulation	Low line to high line	<0.5%
Load Regulation	Min to Full Load	<5%
Transient Response	10% to Full Load	
	Voltage Deviation	<3%
	Recovery Time	<1ms
Ripple and Noise	Peak to peak	<2%
Output Rise Time	10%FL to 90%FL	<25ms
Turn-on Delay		<1s
Overshoot		<5%
OTP		Yes
Overload Protection	Auto Recovery	<3s Yes, 125%
Short Circuit Protection	Auto Recovery	<3s Short Term

MECHANICAL SPECIFICATIONS	
Input Connector	IEC320 C8
Output Connector	Right angle, hollow coax plug 0.10" (2.54mm) inside and 0.21" (5.49mm) outside diameter. Center positive polarity
Size	1.75x3.5x0.92" (44.5x88.9x23.4mm)
Weight	5oz (150g)



Unless stated all specifications are typical and rated at full load, nominal input voltage, convection cooling and 25 °C.