



36W Desktop with C14 Inlet



Features

- IEC 320 C14 Inlet
- US DoE Level VI Efficiency Compliance
- CoC V5 Tier 2 Compliance
- Over-Voltage, Over-Current and Short Circuit Protection
- Class B EMI
- Up to 5,000 Meter Operating Altitude

Applications

- Portable Devices
- Peripheral Devices
- Networking Devices
- Audio Speakers

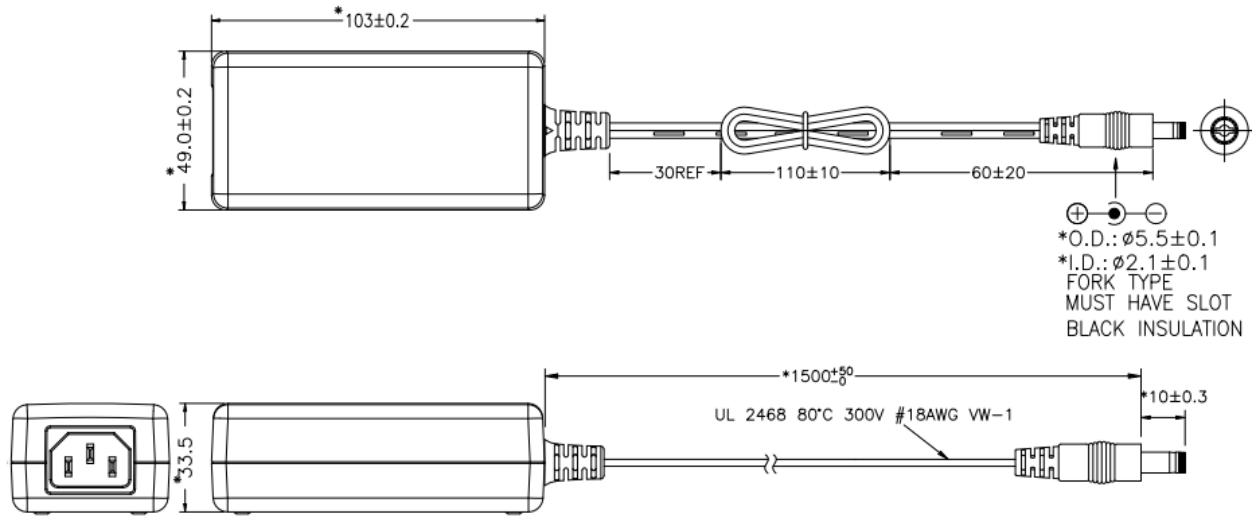


AA36U-120B-R Specifications¹

Model		AA36U-120B-R
Output	DC Output Voltage	12V
	Max Current	3.0A
	Output Power	36.0W
	Regulation	± 5% Line & Load
	Ripple & Noise P-P(max) ²	240mV
Input	AC Input Voltage Range	90 to 264VAC
	AC Input Frequency	47 to 63Hz
	AC Input Current	1.0A (RMS) max. at 100VAC/60Hz
	AC Inrush Current	<100A@264VAC/50Hz, cold start
	No Load Power Consumption at 115VAC & 230VAC Input	≤0.075W
	115VAC Average Efficiency ³	≥88.3%
	230VAC Average Efficiency ³	≥88.3%
	230VAC 10% Load Efficiency ³	≥78.3%
	Leakage Current	0.25mA max. at 264VAC/50Hz max., no load
Protection	Over-Voltage	<16V, auto-recovery
	Short Circuit	Auto-recovery and no damage.
	Over-Current	<4.5A, auto-recovery
Environmental	Operating Temperature	0°C to +45°C
	Non-Operating Temperature	-20° to +85°C
	Operating Humidity	20% to 90% RH max
Safety Approvals and EMC (Pending)	Dielectric Withstand (HI-POT)	Primary to Secondary: 3000VAC, 3.5mA max. 1 min.
	Insulation Resistance	Primary to Secondary: Min. 50M OHM at 500 VDC
	Standards	cULus 62368-1, IEC 62368-1
	EMI Emissions	FCC Part 15 Class B, CAN ICES-003(B)/NMB-003(B), CISPR 32
	Harmonic Current Emissions	IEC 61000-3-2
	Voltage Fluctuations & Flicker	IEC 61000-3-3
	Immunity	EN 55035/CISPR 35: IEC 61000-4-2 (+/-15kV air, +/- 8kV contact), IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5 (2KV L-L, 1KV L-FG), IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11
Mechanical	Dimensions (L x W x H)	103.0mm (4.06in) x 49.0mm (1.93in) x 33.5mm (1.32in)
	Cable Length & Gauge	1500mm 18AWG
	DC Output Connector	2.1mm (+) x 5.5mm (-) x 10mm
MTBF	Telcordia	>200K Hours min. at 264VAC/50Hz, max. load, 25°C
Notes	<ol style="list-style-type: none"> The specifications defined are at ambient temperature of 25°C, unless otherwise specified. 20MHz bandwidth frequency oscilloscope, add a 0.1µF multilayer Cap. and Low ESR Electrolytic Cap. (10µF) at output connector terminals (nominal line voltage, full load). Efficiency is measured after 30 minutes burn-in. 	



AA36U-120B-R Outline Drawing



PRELIMINARY



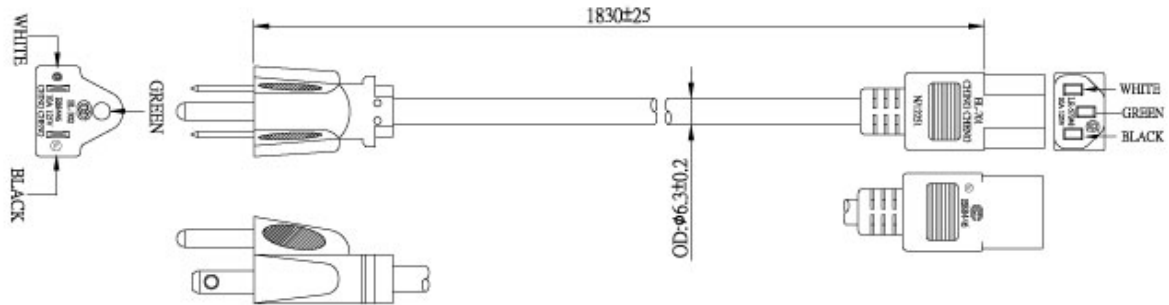
C14 Line Cords - Sold Separately

Model		AC30UNA-R	AC30UEU-R	AC30UUK-R
Specifications	Plug Type	North America NEMA 5-15P	Continental Europe CEE 7VIII	United Kingdom BS 1363
	Connector	IEC320 C13	IEC320 C13	IEC320 C13
	Wire Size	18 AWG	0.75mm	1.0mm
	Temperature	60°C	60°C	70 °C
	Amperage Rating	10A	6A	10A
	Voltage Rating	125V	250V	250V
	Cable Length	1830mm	1830mm	2500mm
Safety Approvals		CSA; UL	CEBEC; DEMKO; DVE; FIMKO; GOST; IMQ; KEMA; NEMKO; NF; OVE; SEMKO	BSI; Safety Mark
Photos				

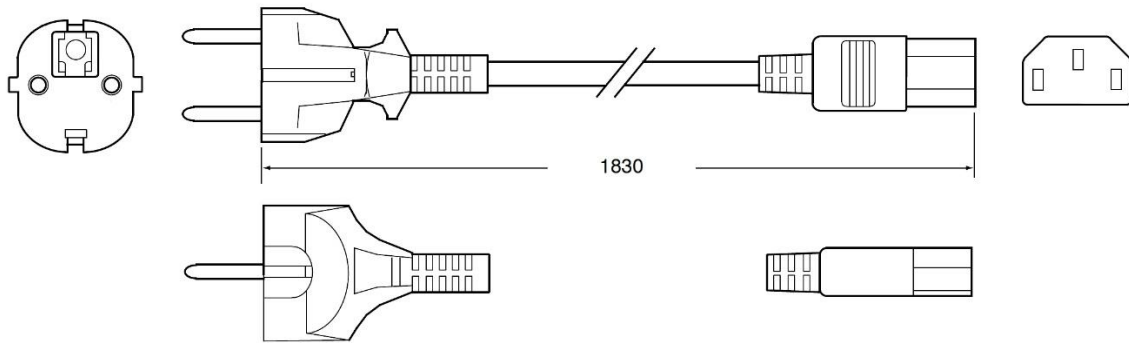


C14 Line Cords Outline Drawings

AC30UNA-R



AC30UEU-R



AC30UUK-R

