

120 OR 230 VAC INPUT AC TO DC EXTERNAL WALL-PLUGGABLE & DESKTOP UNREGULATED LINEAR ADAPTORS OUTPUT WATTAGE FROM 1-35 WATTS EA-35/57/60/66 SERIES



FEATURES:

- LOW COST AND COMPACT SIZE
- FILTERED AND UNFILTERED MODE AVAILABLE
- CUSTOM INPUTS AND OUTPUTS AVAILABLE
- WALL PLUGGABLE AND DESKTOP ADAPTORS
- DESIGNED TO MEET US, JAPANESE AND EUROPEAN STANDARDS

SPECIFICATIONS:

INPUT SPECIFICATIONS:

Input Voltage: 120 or 230 VAC (Custom voltages available, upon request)

Input Voltage Range: $\pm 8\%$

Input Frequency:

50Hz for nominal 220/230/240 VAC

60 Hz for nominal 100/110/120 VAC

Input AC Plug: See Option A

Dielectric Withstand Voltage: Meets IEC950/UL1950

Input to Output: 3,000Vac RMS for 1 minute

Output to Ground: 1,500Vac RMS for 1 minute

Output to Ground: 500Vac RMS for 1 minute

EMI/RFI: Inherent low conducted and radiated noise level, Meets CISPR EN55022 / FCC Class B

OUTPUT SPECIFICATIONS:

Output Voltage/Current: See Ratings Chart

Output Wattage:

APS35EA Series: Typ. 1.0 to 1.4 Watt

APS57EA Series Typ. 10.0 to 23.0 Watt

APS66EA Series Typ. 18.0 to 48.0 Watt

Output Connector: See Option B

Load Regulation: Unregulated

Noise & Ripple: Typical 20%

OVP: Not available

Adjustability: Not adjustable

Short Circuit Protection:

Thermal fuse installed in the primary winding

GENERAL SPECIFICATIONS:

Efficiency: Typical 60%

Transient Response: Less than 50 μ sec. for a 50% load change

Hold-up Time: Less than 1 mS at nominal input and with typical load

Thermal Protection: Thermal fuse installed

Operating Temperature: 0 to 40°C

Storage Temperature: -20°C to +85°C

Cooling: Free air convection

Construction:

Impact resistant thermo-plast case

Safety Standard: IEC950/ UL1950

VOLTAGE/CURRENT RATINGS CHART <SINGLE OUTPUT APS35EA SERIES

MODEL NO.	INPUT VAC / Hz / mA	NO. OF OUTPUTS	OUTPUT			CONSTRUCTION		SAFETY APPROVALS
			V	A	W	CASE NO.	FORMAT	
APS35EA-030050	120 60Hz 80mA	SINGLE	3.0	0.5	1.5	EI35/1	WM1	
APS35EA-050036	120 60Hz 80mA	SINGLE	5.0	0.3	1.8	EI35/1	WM1	
APS35EA-070030	120 60Hz 80mA	SINGLE	7.0	0.3	2.1	EI35/1	WM1	
APS35EA-090030	120 60Hz 80mA	SINGLE	9.0	0.3	2.7	EI35/1	WM1	
APS35EA-120020	120 60Hz 80mA	SINGLE	12.0	0.2	2.4	EI35/1	WM1	
APS35EA-150016	120 60Hz 80mA	SINGLE	15.0	1.6	3.6	EI35/1	WM1	
APS35EA-240010	120 60Hz 80mA	SINGLE	24.0	0.1	2.4	EI35/1	WM1	
APS35EA-120010	230 50Hz 80mA	SINGLE	12.0	0.1	1.2	EI35/1	WM4	
APS35EA-165010	240 50Hz 80mA	SINGLE	16.5	0.1	1.65	EI35/1	WM5	

VOLTAGE/CURRENT RATINGS CHART <SINGLE OUTPUT APS57EA, 60EA AND 66EA SERIES

MODEL NO.	INPUT VAC / Hz / mA	NO. OF OUTPUTS	OUTPUT			CONSTRUCTION		SAFETY APPROVALS
			V	A	W	CASE NO.	FORMAT	
APS57EA-112	120V 60Hz 250mA	SINGLE	5.0	2.75	13.8	EI57/2	WM1,2/DT	UL, CSA
APS57EA-113	120V 60Hz 250mA	SINGLE	6.0	2.5	15.0	EI57/2	WM1,2/DT	
APS57EA-113	120V 60Hz 250mA	SINGLE	6.5	2.5	16.2	EI57/2	WM1	UL, CSA
APS57EA-114	120V 60Hz 250mA	SINGLE	7.5	2.0	15.0	EI57/2	WM1,2/DT	
APS57EA-115	120V 60Hz 250mA	SINGLE	9.0	1.75	15.8	EI57/2	WM1,2/DT	UL, CSA
APS57EA-116	120V 60Hz 250mA	SINGLE	12.0	1.5	18.0	EI57/2	WM1,2/DT	UL, CSA
APS57EA-117	120V 60Hz 250mA	SINGLE	15.0	1.2	18.0	EI57/2	WM1,2/DT	UL, CSA
APS57EA-118	120V 60Hz 250mA	SINGLE	18.0	1.0	18.0	EI57/2	WM1,2/DT	UL, CSA
APS57EA-119	120V 60Hz 250mA	SINGLE	24.0	0.75	18.0	EI57/2	WM1,2/DT	UL, CSA
APS57EA-214	220V 50Hz 250mA	SINGLE	7.9	0.8	6.3	EI57/2	WM3	
APS57EA-215	220V 50Hz 250mA	SINGLE	9.0	0.8	7.2	EI57/3	DT7	
APS57EA-216	240V 50Hz 250mA	SINGLE	12.0	1.5	18.0	EI57/2	WM5	
APS57EA-217	230V 50Hz 250mA	SINGLE	13.5	0.9	12.2	EI57/2	WM3	
APS57EA-219	240V 50Hz 250mA	SINGLE	24.0	0.7	16.8	EI57/3	DT7	
APS57EA-315	115V 60Hz 250mA or 230V 50Hz 250mA	SINGLE	9.0	1.5	13.5	EI57/2	WM2	
APS60EA-117	115V 60Hz 360mA	SINGLE	15.0	1.5	22.5	EI60/1	DT1	
APS60EA-118	120V 60Hz 360mA	SINGLE	17.0	1.5	25.5	EI60/1	DT2	
APS60EA-119	120V 60Hz 360mA	SINGLE	19.0	1.2	22.8	EI60/1	DT1	
APS60EA-217	220V 50Hz 360mA	SINGLE	15.0	1.5	22.5	EI60/1	DT3	
APS66EA-012	AUTO-RANGING I/P	SINGLE	48.0	0.5	24.0	EI66/3	DT7	SEMKO
APS66EA-117	115V 60Hz 500mA	SINGLE	12.0	1.5	18.0	EI66/3	DT1	
APS66EA-117	120V 60Hz 500mA	SINGLE	13.5	2.0	27.0	EI66/2	DT1	
APS66EA-118	120V 60Hz 500mA	SINGLE	18.0	2.0	36.0	EI66/1	DT1	
APS66EA-119	110V 60Hz 500mA	SINGLE	24.0	2.0	48	EI66/2	DT2	SEMKO
APS66EA-119	120V 60Hz 500mA	SINGLE	30.0	1.0	30.	EI66/2	DT2	
APS66EA-119	110V 60Hz 500mA	SINGLE	48.0	1.0	48.0	EI66/2	DT2	
APS66EA-217	230V 50Hz 300mA	SINGLE	12.0	1.5	18.0	EI66/3	DT3	
APS66EA-217	20V 50Hz 300mA	SINGLE	13.5	2.0	18.0	EI66/2	DT3	
APS66EA-218	220V 50Hz 300mA	SINGLE	17.0	1.5	25.5	EI66/1	DT3	
APS66EA-219	220V 50Hz 300mA	SINGLE	20.0	1.75	35.0	EI66/3	DT7	
APS66EA-219	220V 50Hz 300mA	SINGLE	24.0	2.0	48.0	EI66/2	DT3	
APS66EA-219	220V 50Hz 300mA	SINGLE	48.0	1.0	48.0	EI66/2	DT3	
APS66EA-317	115V 60Hz 500mA or 230V 50Hz 300mA	SINGLE	15.0	1.5	22.5	EI66/3	DT1	

VOLTAGE/CURRENT RATINGS CHART <DUAL & TRIPLE & QUAD OUTPUT

MODEL NO.	INPUT VAC / Hz / mA	NO. OF O/P	O/P #1		O/P # 3		O/P #3		CONSTRUCTION		SAFETY APPROVAL S
			Vdc	Amp	Vdc	Amp	Vdc	Amp	CASE NO.	FORMAT	
APS57EA-126	1200V 60Hz 250mA	DUAL	+24.0V/0.35A		-26.0V / 0.1A				EI57/2	WM1	UL, CSA
APS57EA-226	220V 50Hz 250mA	DUAL	+24.0V/0.35A		-26.0V / 0.1A				EI57/2	WM3	
APS57EA-325	115V 60Hz 250mA or 230v 50Hz 250mA	DUAL	18.0V / 0.5A		-18.0V / 0.5A				EI57/3	DT7	
APS57EA-130	120V 60Hz 250mA	TRIPLE	+24.0V/0.35A		-26.0V / 0.1A		+36.0 / 0.12A		EI57/3	DT1	UL, CSA
APS57EA-130B	115V 60Hz 250mA	TRIPLE	+18.3V / 0.6A		-21.3V /		+35.8V/0.12A		EI57/3	DT1	
APS66EA-128	220V 50Hz 300mA	DUAL	+18.0V / 1.2A		-18.0V / 1.2A				EI66/2	DT3	