

90 W AC–DC Adapter Power Supply



PHI-CON

- Universal AC Input 90 – 264 VAC
- Low ripple noise
- No minimum load requirement
- 100 % burn in test
- 1 year warranty
- Safety: UL, cUL, GS, CB, CE, FCC standard
- Efficiency level V



Model selection guide

Typ	Input nominal voltage [V _{AC}]	Input current [mA]	Output voltage [V _{DC}]	Output current [mA]
PS90A120	90 – 264	1500	12	7500
PS90A190	90 – 264	1500	19	4740
PS90A240	90 – 264	1500	24	3750
PS90A480	90 – 264	1500	48	1875

Specifications

Input	
Voltage range	AC 90 V – 264 V Universal full range
Input frequency	47 – 63 Hz
Current	1500 mA
Others	
Start up time	<2000 ms @ Minimum AC input
Rise time	< 50 ms
Hold up time	> 20 mS @ 230 VAC/50 Hz input
Cooling	Natural Cooling
Environment	
Operating temperature	0°C – + 40°C
Storage temperature	-10°C – + 75°C
Humidity	Operating: 20% – 85 %, Storage: 10 % – 95 % (non conversing)

Packaging	white folding box
MTBF	50'000 Hours
Safety	UL 60950-1/CSA C22.2 No. 60950-1, EN60950-1, IEC 60950-1
EMI	FCC CFR 47 PART 15, EN55022, EN61000-3
EMS	EN55024 (EN61204-3) EN61000-4

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Dimensions

