



PS-145W-12V

Enclosed AC-to-DC Power Supply

UNIT CODE	DESCRIPTION
PS-145W-12V NO LONGER AVAILABLE	145 Watt, 12V, Single Output Enclosed Switching AC-to-DC Transformer

SPECIFICATIONS	
Input	Output
Universal AC input 88-132 or 176-264VAC (selectable by switch)	+12VDC@0-12A

Features at a Glance:

- AC input range selectable by switch
- Protections: Short circuit / Overload & Over voltage
- Fixed switching frequency at 25KHz
- Cooling by natural convection
- 100% full load burn-in test
- Low cost, high reliability
- MTBF: **286.7K hrs min.** MIL-HDBK-217F (25°C / 77°F)
- AC input voltage range: 88-132VAC/ 176-264VAC selectable by switch
- AC inrush current: Cold start, 35A at 230VAC
- DC adjustment range: ±10% rated output voltage
- Overload protection: 125%-165% shut off, AC recycle to re-start
- Over voltage protection: 112%-135% rated output voltage
- Setup, rise, hold up time: 100ms, 50ms, 20ms at full load and 230VAC
- Withstand voltage: I/P-O/P:1.5KVAC, I/P-FG:1.5KVAC, 1minute
- Working temperature: -10-60°C (14-140°F) (refer to output derating curve)
- Safety standards: Design refer to UL1012
- EMC standards: Design refer to EN55022, IEC801-2,3,4
- Connection: 7P/ 9.5mm pitch terminal block
- Weight: 1.5 lbs. (0.71 kg.)
- Dimensions: Case 902: 7.8"L X 3.9"W X 1.5"H
199 x 98 x 38 mm
- 1 year warranty



PS145-12V is an economical, compact, enclosed AC-to-DC power supply (transformer) perfect for many applications. About the size of a paperback book this small unit has many features that you will typically only find on larger, more expensive models elsewhere.

PS145-12 will work anywhere. Simply select 115V or 230V AC input by switch and your ready to go. These "switchers" derive their impressive reliability from a conservative design, and 100% full-load burn-in.

Pricing: **NO LONGER AVAILABLE**

electracool.com



PO Box 7091
Nashua, NH 03060 USA

For Information Call

1 866-665-5434

international Inquiries (603) 888-2467
email: sales@electracool.com

