



PK450 Power Supply Specification Sheet

IL844
Section C
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PK450 Power Supply

ARCHITECTS' AND ENGINEERS' SPECIFICATION

Power Supplies shall be TekTone®'s PK450 or approved equal. Power supply shall be capable of supplying 28VDC with a current capacity of at least 3.75 amps, convection cooling at 50°C., and 90 watts of power, with a load regulation of ±3% at 60% of rated load capacity. The power supply shall be 75% efficient or better and have an MTBF of at least 250,000 hours. It shall operate from an input voltage of 90–264VAC at 47–63Hz or better, and have an operating temperature range of 0°–70°C with non-condensing humidity range of 5–95%. It shall offer class “B” EMI filtration.

The PK450 shall be UL® 1069 Listed and cUL® Listed.

FEATURES

The PK450 is a U-channel mounted 120W power supply. It has a power output of 90W with convection cooling, and an output voltage of 28VDC at 3.75 amps. It will operate with an input from 90–264VAC at 47–63Hz. It is UL® 1069 Listed with class “B” EMI filtration. It offers an MTBF of at least 250,000 hours.

SPECIFICATIONS

Dimensions:	Height:	4.65"	(118 mm)
	Width:	2.43"	(62 mm)
	Depth:	5.75"	(146 mm)
Input Power:	Supplied by the PM457 Power Entry Module (part of the NC450 Central Equipment)		
Temperature:	0°–70°C.		
Humidity:	5–95% (non-condensing)		

REQUIRED COMPONENTS

Tek-CARE®400	Nurse Call System
NC450	Central Equipment

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TekTone®'s quality system is registered by UL® to the ISO 9001:2000 standard. (File #A10766.)