SPECIFICATIONS

INPUT
VOLTAGE: AC85-132V 1e or DC110-170V
FREQUENCY: 47-440kHz or DC
INRUSH CURRENT: 15A typ. (AC in 100V, Current Output @ 100%) at cold start
EFFICIENCY: 75% typ. (AC in 100V, Current Output @ 100%)

OUTPUT
VOLTAGE: 30 V
CURRENT: 0.35 A
REGULATION LINE: 75 mV (max.)
REGULATION LOAD: 500 mV (max.)
RIPPLE: 120 mA V-p-p (max.)
RIPPLE NOISE: 150 mA V-p-p (max.)
RISE TIME: 200 mS (max.) (AC in 85V, Current Output @ 100%)
OUTPUT VOLTAGE SET: ±5% (max.)
HOLDING TIME: 10 mS (typ.) (AC in 85V, Current Output @ 100%)

PROTECTION CIRCUIT
OVER CURRENT PROTECTION: Works at over 105% of rating and recovers automatically.

ELECTRICALLY ISOLATED
CIRCUIT-CHASSIS: AC 2.000V, 1 minute; DC 500V, 50M Ohms
INPUT-OUTPUT: AC 500V, 1 minute; DC 500V, 50M Ohms

ENVIRONMENT
OPERATING TEMP.: -10° to +70°C, 20-95%RH (Non condensing), 10,000 Feet max.
AND HUMIDITY
STORAGE TEMP.: -20° to +75°C, 20-95%RH (Non condensing), 30,000 Feet max.
AND HUMIDITY

FIELD WIRING

POWER SUPPLY, M-LPS
PRODUCT DESCRIPTION

INITIAL RELEASE
01-06-06

DEVAR Inc.
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PREPARED RNT NEXT ASSY SCALE PAGE DRAWING NO. REV
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