

ARPV-SA5E-12030A (12V, 2.5A, 30W)

Drawing:

Input Cable: DIRECT PLUG-IN

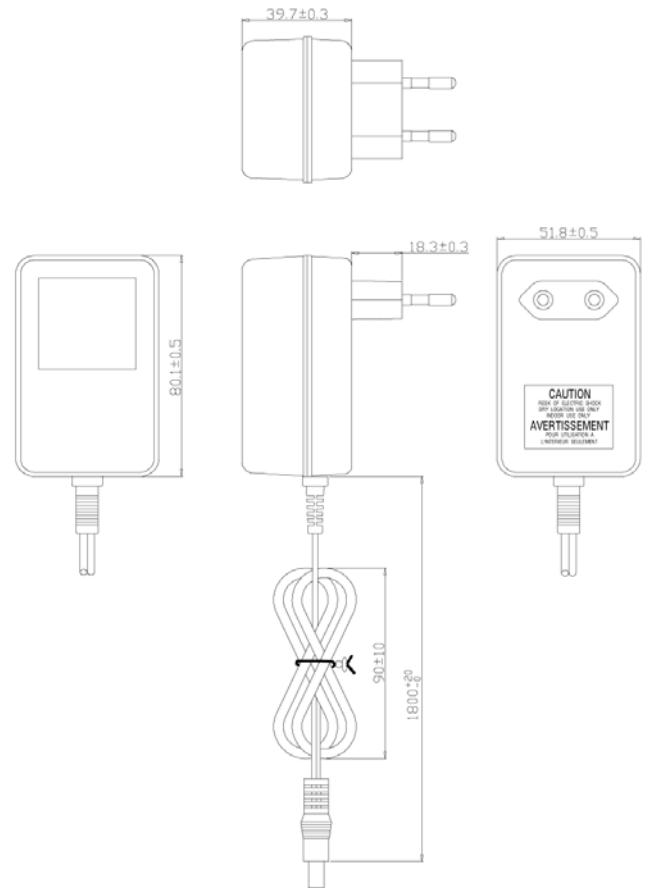
Output Cable: SPT-1 18#*2C*105°C *1.8M
+5.5*2.1*10mm DC Plug BK

Input voltage: 100~240VAC

Output voltage: 12VDC

Relative humidity

85% RH. Non-condensing



Electronical specification

INPUT VOLTAGE: 100~240 Vac
INPUT RANGE VOLTAGE: 90~264 Vac
INPUT FREQUENCY: 50~60 Hz
INPUT RANGE FREQUENCY: 47~63 Hz
INPUT CURRENT: 0.75 Amp. rms. at 100 Vac
INRUSH CURRENT: 40 Amp. peak at 120 Vac 80 Amp. peak at 240 Vac.
Tested At Max. load 25°C, Cold start

OUTPUT VOLTAGE: 12 V
REGULATION: ± 5 %
MIN. LOAD CURRENT: 0 A
MAX LOAD CURRENT: 2.5 A
RIPPLE AND NOISE 1: 150 mVp-p Max. At 100 Vac, 50/60 Hz, Max. load 25°C
RIPPLE AND NOISE 2: 150 mVp-p Max. At 240 Vac, 50/60 Hz, Max. load 25°C
NOISE TEST BANDWIDTH: 20 MHz

Each output bypassed by a 10uF electrolytic capacitor parallel with a 0.1uF ceramic capacitor to GND.

LINE REGULATION: INPUT = 100 ~ 240 Vac. output loaded at Max. load.
REGULATION = ± 5 %

TOTAL OUTPUT: 30 W
POWER EFFICIENCY: 75% Min. at 100~240 Vac 50/60 Hz. Max. load.

OVER CURRENT PROTECTION, SHORT CIRCUIT PROTECTION

OVER CURRENT PROTECTION , SHORT CIRCUIT PROTECTION (LATCHED SHUTDOWN)

TOTAL POWER PROTECTION: 62 W THE STANDBY POWER: 0.5 W max.

OVER VOLTAGE PROTECTION: 15 Vdc Max.

Mechanical specification

DIMENSIONS: 80.1 (L) * 51.8 (W) * 39.7(H)mm (Tolerance as drawing)
WEIGHT: 182 g Max.
OPERATING TEMPERATURE: 0°C To 40°C
STORAGE TEMPERATURE: -20°C To 60°C
RELATIVE TEMPERATURE: 40°C ± 2°C