

## ARPV-SA5E-24030A (24V, 1.25A, 30W)

Drawing:

**Input Cable:** DIRECT PLUG-IN

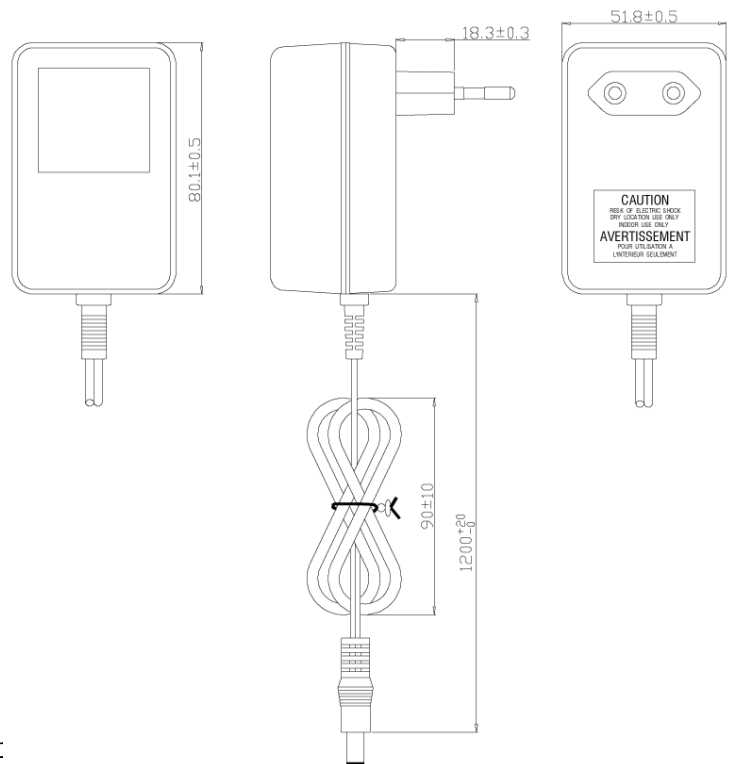
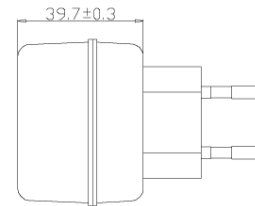
**Output Cable:** 2468 20 # \*2C\*80°C \*1.8M  
+5.5\*2.1\*10mm DC Plug BK

**Input voltage:** 100~240VAC

**Output voltage:** 24VDC

### 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 :  
 INRUSH CURRENT: 40 Amp. peak at 120 Vac 80 Amp. peak at 240 Vac.  
 Tested At Max. load 25°C, Cold start

OUTPUT VOLTAGE: 24 V  
 REGULATION: ± 5 %  
 MIN. LOAD CURRENT: 0 A  
 MAX LOAD CURRENT: 1.25 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: 30 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