



### General Specifications:

Input voltage ..... 120VAC +6% -10%  
Input frequency ..... 57Hz to 63Hz  
Outputs ..... see output table  
Operating temperature ..... 0°C to 40°C  
Storage temperature ..... -40°C to +85°C

### Description:

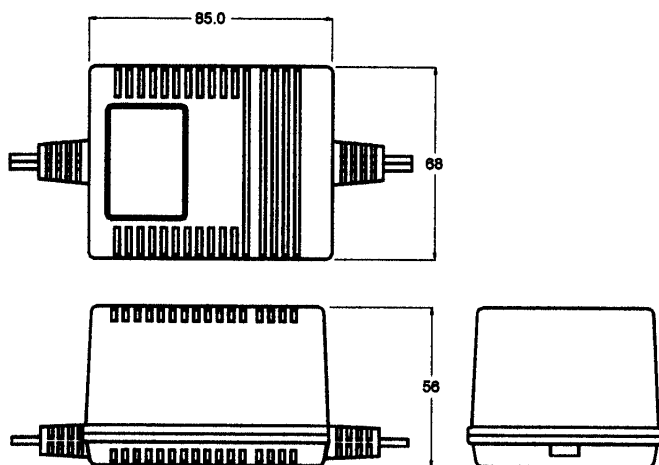
The EI57 unregulated desktop series is a single DC output, linear adapter. It has a maximum output power up to 27W, the output current up to 3A, the output voltage is from 3V to 36V.

### Model available:

- DND-0318 ~ DND-3608 (total 34 models)

Leakage current ..... <0.25mA  
Thermal protection ..... positive thermal cutoff  
Altitude ..... will operate properly at any altitude  
between 0 to 10000 ft.  
Safety ..... UL 1950, CUL  
UL file No. E193755

### Mechanical Specifications:



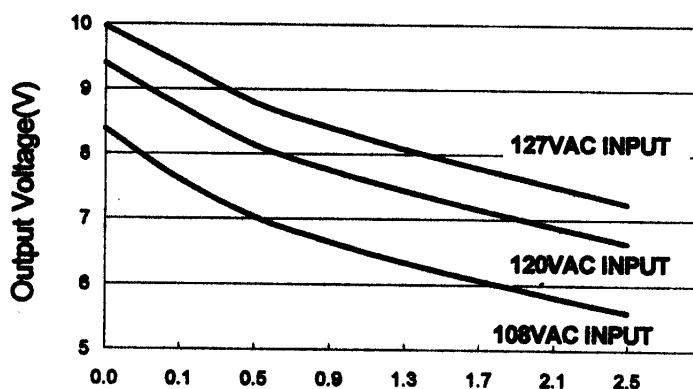
### Notes:

1. Dimensions show in mm (inch) as left.  
Tolerance specified is  $\pm 2$ mm (Excluding cables).
2. Size: 85 X 68 X 56 (mm)  
3.35 X 2.68 X 2.2 (inch)
3. Connectors:  
AC input : America 2 pin, Desktop type  
DC output : 6ft output cord

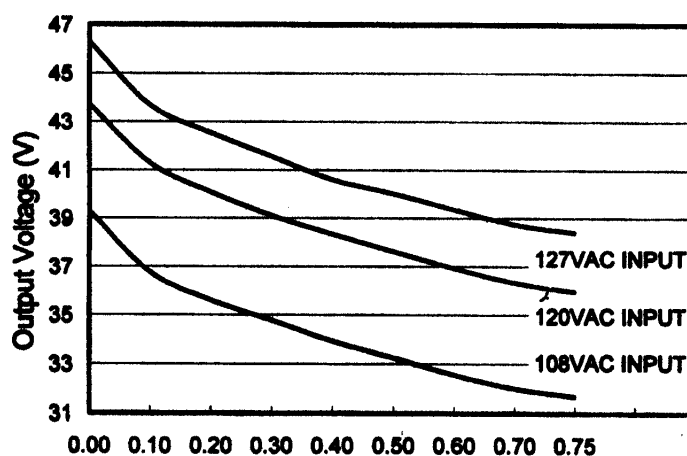
## Output Specifications:

| MODEL NO.  | OUTPUT (VDC) | LOAD (A) | POWER (W) | NO LOAD (V) |
|------------|--------------|----------|-----------|-------------|
| DND-0318   | 3            | 1.8      | 5.4       | < 5         |
| DND-0325   | 3            | 2.5      | 7.5       | < 5         |
| DND-0330   | 3            | 3        | 9         | < 4.5       |
| DND-0515   | 5            | 1.5      | 7.5       | < 8         |
| DND-0525   | 5            | 2.5      | 12.5      | < 9         |
| DND-0530   | 5            | 3        | 15        | < 7.5       |
| DND-0612   | 6            | 1.2      | 7.2       | < 9         |
| DND-0630   | 6            | 3        | 18        | < 10        |
| DND-0625-A | 6.5          | 2.5      | 15.5      | < 10        |
| DND-0712   | 7.5          | 1.2      | 9         | < 12        |
| DND-0720   | 7.5          | 2        | 15        | < 12        |
| DND-0730   | 7            | 3        | 21        | < 11        |
| DND-0810   | 8            | 1        | 8         | < 12        |
| DND-0820   | 8            | 2        | 16        | < 12.5      |
| DND-0830   | 8            | 3        | 24        | < 13        |
| DND-0912   | 9            | 1.2      | 10.8      | < 13.5      |
| DND-0920   | 9            | 2        | 18        | < 12.5      |
| DND-0930   | 9            | 3        | 27        | < 12.8      |
| DND-1215   | 12           | 1.5      | 18        | < 16.8      |
| DND-1220   | 12           | 2        | 24        | < 16.8      |
| DND-1515   | 15           | 1.5      | 22.5      | < 21        |
| DND-1518   | 15           | 1.8      | 27        | < 21        |
| DND-1808   | 18           | 0.8      | 14.4      | < 25        |
| DND-1810   | 18           | 1        | 18        | < 25        |
| DND-1812   | 18           | 1.2      | 21.6      | < 25        |
| DND-1814   | 18           | 1.4      | 25.2      | < 25        |
| DND-2406   | 24           | 0.6      | 14.4      | < 36        |
| DND-2408   | 24           | 0.8      | 19.2      | < 33.5      |
| DND-2410   | 24           | 1        | 24        | < 33.5      |
| DND-3005   | 30           | 0.5      | 15        | < 39        |
| DND-3602   | 36           | 0.2      | 7.2       | < 45        |
| DND-3604   | 36           | 0.4      | 14.4      | < 46        |
| DND-3606   | 36           | 0.6      | 21.6      | < 46.5      |
| DND-3608   | 36           | 0.75     | 27        | < 46.5      |

## Output voltage and current curve:



Output Current (A)  
DND-0625-A



Output Current (A)  
DND-3608

## Notes:

The RMS ripple and noise of output is less than 800mV at rated load, 120V/60Hz AC input.