

ADPV16 (12V/3A)

| SPECIAL FEATURES | |
|----------------------------|------------------------|
| ※ Universal AC input | ※ High efficiency |
| ※ Low output ripple | ※ Built-in EMI filter |
| ※ Short circuit protection | ※ Over load protection |

| INPUT | |
|-----------------|--|
| Input range | 85 ~ 264 VAC |
| Input frequency | 47 ~ 63 Hz |
| Inrush current | < 20A at 115VAC; < 40A at 230VAC; cold start at 25°C |
| Input current | 1.5A Max |
| Leakage current | < 1.5 mA at 50/60 Hz 264VAC input |

| OUTPUT | |
|------------------------|---|
| Rated output power | 36 Watts |
| Output voltage | 12 V ± 4% (11.70V ≤ V _{output} ≤ 12.50V) |
| Output current | 3 A |
| Output load efficiency | ≥ 80% at 90VAC full load; ≥ 80% at 264VAC full load |
| Max power | 36 Watts for convection |
| Adjustment range | fixed |
| Hold-up time | 30 ms at full load and 230 VAC nominal line |
| OL protection | 96% to 104% above peak rating |
| Ripple & noise | ≤ 200mV at rated load |
| Short current | ≤ 100mA at 250 VAC rated load |

| ISOLATION | |
|-------------------------|-----------------|
| Input to output | AC3.0 KV/1 min. |
| SAFETY APPROVAL | |
| UL CE GS CB PSE SGS CCC | |

| ENVIRONMENTAL | |
|----------------------|---|
| Operating temp. | 0 °C to 50 °C ambient derate each output at 4.0% per degree from 50 °C to 60 °C |
| Storage temp. | - 40 °C to 85 °C |
| Operating humidity | 5% to 95% (non-condensing) |
| MTBF | 20,000 hours at full load and 25 °C ambient conditions (demonstrated) |
| Size | 93×40×28 |

Special specification can be provided on customer' s request

OUTSIDE FRAME DRAWING

