

## DKS-35-12 (12V, 3A, 35W)

### Features

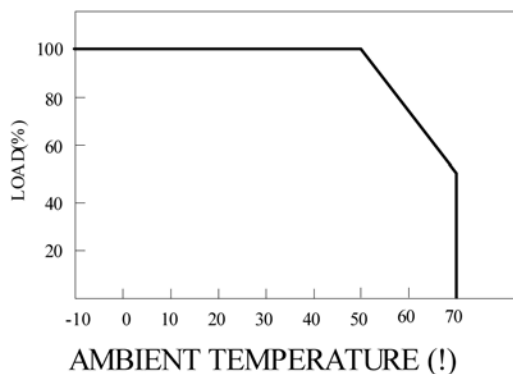
- Universal AC input/Full range
- Class II power
- Protections : Short circuit /over load
- Cooling by free air convection
- 100% full load burn-in test
- Approvals : CE/CCC
- 2 year warranty



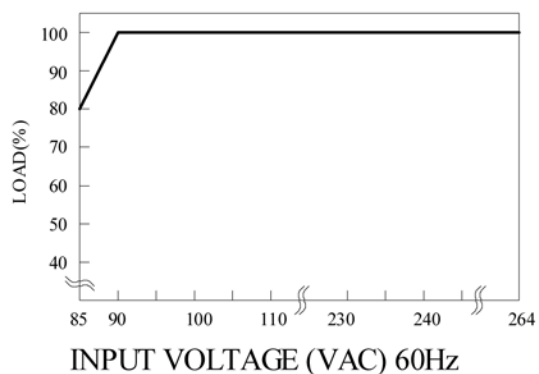
### Specification

|              | Model                     | DKS-35-12  |
|--------------|---------------------------|--|
| Output       | DC Voltage                | 12V  |
|              | Rated Current             | 3.00A  |
|              | Current Range             | 0-3.00A  |
|              | Rated Power               | 36W  |
|              | Ripple & Noise            | 120mVp-p   |
|              | Voltage ADJ. Range        | 11.4-13.2V   |
|              | Voltage Tolerance         | ±1.5%  |
|              | Line Regulation           | ±0.5%  |
|              | Load Regulation           | ±1.0%  |
|              | Set up , rise time        | 900ms, 60ms/230Vac at full load  |
| Hold Time    | 20ms/230Vac at full load  |  |
| Input        | Voltage Range             | 85~264Vac 120~370Vdc   |
|              | Frequency Range           | 47~63Hz  |
|              | Efficiency                | 80% 230Vac   |
|              | AC current                | 0.9A/115Vac 0.45A/230Vac   |
|              | Inrush Current            | Cold start 30A/115Vac 60A/230Vac                                       |
|              | Leakage Current           | <0.75mA 240Vac   |
| Protection   | Over Load                 | 110%-150% rated output power   |
|              |                           | Hiccup mode, recovers automatically after fault condition is removed . |
| Environment  | Working temp.             | -10~+60°C (refer to output derating curve)                             |
|              | Working Humidity          | 20~90%RH non-condensing  |
|              | Storage Temp., Humidity   | -20~+85°C , 10-95% RH  |
|              | Temp. Coefficient         | ±0.03%/°C (0~50°C)   |
|              | Vibration                 | 10~500Hz, 2G 10min./1cycle, period for 60min, each along X, Y, Z axes  |
| Safety & EMC | Safety Standard           | UL1012, UL60950-1 approved .   |
|              | Withstand Voltage         | I/P-O/P:3KVac , I/P-FG:1.5KVac, O/P-FG:0.5KVac                         |
|              | Isolation Resistance      | I/P-O/P,I/P-FG,O/P-FG:100M Ohms/500Vdc                                 |
|              | EMI Conduction& Radiation | Compliance to EN55022 Class B  |
|              | Harmonic Current          | Compliance to EN61000-3-2,-3   |
|              | EMS Immunity              | Compliance to EN61000-4-2,3,4,5 ,EN55024                               |
| Others       | MTBF                      | 50,000hours min at 25°C  |
|              | Dimension                 | 85mm*59mm*37mm   |
|              | Weight                    | 0.15KGS/PC   |

Derating Curve



Output Derating VS Input Voltage



**Dimension**

| J1 Pin Connection |            |
|-------------------|------------|
| Pin               | Function   |
| 1                 | AC Live    |
| 2                 | AC Neutral |
| 3                 | Ground     |
| 4                 | -Vout      |
| 5                 | +Vout      |

