

ORDERING INFORMATION

ESF100-05

Series name Total output wattage Output voltage combination

- Built-in inrush current protection
- Over voltage protection
- Over current protection
- Remote sensing
- 2 years warranty



ESF100-S, 150-S SPECIFICATIONS

| MODEL | | ESF100-05 | ESF150-09 | ESF150-12 | ESF150-15 | ESF150-24 |
|-----------------------|--------------------------------|--|----------------------------|-----------|-----------|-----------|
| INPUT | VOLTAGE, FREQUENCY | AC100-120V / 200-240V (AC90 ~ 132V / 180 ~ 264V or DC240 ~ 370V), 50/60Hz (47 ~ 440Hz) User Selectable | | | | |
| | CURRENT | 110V | 2.2 (I _c =100%) | | | |
| | | 220V | 1.2 (I _c =100%) | | | |
| | EFFICIENCY | 110V | 70 typ | 75 typ | 75 typ | 75 typ |
| 220V | | | | | | |
| INRUSH CURRENT | | 20A typ(AC IN 110V, I _c =100%), 40A typ(AC IN 220V, I _c =100%) at cold start. | | | | |
| OUTPUT | VOLTAGE [V] | 5 | 9 | 12 | 15 | 24 |
| | CURRENT [A] | 20 | 16.5 | 12 | 10 | 6 |
| | REGULATION, LINE [mV] | 25 Max | 45 Max | 60 Max | 75 Max | 120 Max |
| | REGULATION, LOAD [mV] | 50 Max | 90 Max | 120 Max | 150 Max | 240 Max |
| | RIPPLE [mVp-p] | 50 Max | 90 Max | 120 Max | 150 Max | 240 Max |
| | RIPPLE, NOISE [mVp-p] | 100 Max | 140 Max | 170 Max | 170 Max | 290 Max |
| | TEMPERATURE DRIFT 0~+50°C [mV] | 50 Max | 90 Max | 120 Max | 150 Max | 240 Max |
| | RISE TIME [ms] | 600 Max (AC IN 90V/180V I _c =100%) | | | | |
| | HOLDING TIME [ms] | 10 typ (AC IN 90V/180V I _c =100%) | | | | |
| PROTECTION CIRCUIT | OVER CURRENT PROTECTION | Works at over 105% of rating and recovers automatically | | | | |
| | OVER VOLTAGE PROTECTION | Works at 115 ~ 140% of rating | | | | |
| ELECTRICALLY ISOLATED | INPUT-OUTPUT | AC 1,500V 1 minute current 10mA, DC 500V 100MΩ (At room temperature & Humidity) | | | | |
| | INPUT-CASE, FG | AC 1,500V 1 minute current 10mA, DC 500V 100MΩ (At room temperature & Humidity) | | | | |
| | OUTPUT-CASE, FG | AC 500V 1 minute current 100mA, DC 500V 100MΩ (At room temperature & Humidity) | | | | |
| ENVIRONMENT | OPERATING TEMP AND HUMID | -10 ~ +50°C, 20 ~ 90% RH(Non Condensing) | | | | |
| | STORAGE TEMP AND HUMID | -20 ~ +75°C, 20 ~ 90% RH(Non Condensing) | | | | |
| | VIBRATION | 10 ~ 55Hz at 1G, 3 minutes period, 30 minutes along X, Y and Z axis | | | | |
| | IMPACT | 10G for 20ms once on each X, Y and Z axis | | | | |
| SAFETY | SAFETY REGULATION | Built to meet UL 60950-1, EN 60950-1 | | | | |
| | LINE CONDUCTED RF VOLTAGE | Built to meet EN 55022-1 | | | | |