

VSF75-S SPECIFICATIONS

| MODEL | | VSF75-05 | VSF75-12 | VSF75-24 | VSF75-28 | VSF75-48 |
|-----------------------|--------------------------------|---|----------|----------|----------|----------|
| INPUT | VOLTAGE, FREQUENCY | AC100-120V / 200-240V (AC90~132V / 180~264V or DC240~370V), 50/60Hz (47~440Hz or DC) | | | | |
| | CURRENT | 100V~1.8A, 200V~1.0A | | | | |
| | EFFICIENCY (AC220V) | 70% typ | 73% typ | 75% typ | 75% typ | 77% typ |
| | INRUSH CURRENT | 20A typ(ACIN 110V, I _o =100%), 40A typ(ACIN 220V, I _o =100%) at cold start. | | | | |
| OUTPUT | VOLTAGE [V] | 5 | 12 | 24 | 28 | 48 |
| | CURRENT [A] | 15 | 6.5 | 3.5 | 2.7 | 1.6 |
| | REGULATION, LINE [mV] | 25 Max | 60 Max | 120 Max | 140 Max | 240 Max |
| | REGULATION, LOAD [mV] | 50 Max | 120 Max | 240 Max | 280 Max | 480 Max |
| | RIPPLE [mVp-p] | 50 Max | 120 Max | 240 Max | 280 Max | 480 Max |
| | RIPPLE, NOISE [mVp-p] | 100 Max | 170 Max | 290 Max | 330 Max | 530 Max |
| | TEMPERATURE DRIFT 0~+50°C [mV] | 75 Max | 180 Max | 360 Max | 420 Max | 720 Max |
| | RISE TIME [ms] | 600 Max (ACIN 110V/220V I _o =100%) | | | | |
| | HOLDING TIME [ms] | 16 typ (ACIN 110V/220V I _o =100%) | | | | |
| PROTECTION CIRCUIT | OVER CURRENT PROTECTION | Works at over 110% of rating and recovers automatically | | | | |
| | OVER VOLTAGE PROTECTION | Works at 115~140% of rating | | | | |
| ELECTRICALLY ISOLATED | INPUT-OUTPUT | AC1,500V 1 minute current 10mA, DC 500V 100MΩ (At room temperature & Humidity) | | | | |
| | INPUT-CASE, FG | AC1,500V 1 minute current 10mA, DC 500V 100MΩ (At room temperature & Humidity) | | | | |
| | OUTPUT-CASE, FG | AC500V 1 minute current 100mA, DC 500V 100MΩ (At room temperature & Humidity) | | | | |
| ENVIRONMENT | OPERATING TEMP AND HUMID | -0~+50°C, 20~90% RH(Non condensing) | | | | |
| | STORAGE TEMPAND 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 | - | | | | |
| | LINE CONDUCTED RF VOLTAGE | - | | | | |

VSF75-S EXTERNAL VIEW

