

## DFE-050 SERIES:



### 50 Watt / Single Output

- 3.89 x 3.23 x 1.38" Enclosed Package

### Features:

- Universal AC Input
- 105°C Aluminum Electrolytic Capacitors
- Convection Cooled Operation
- LED Indicator
- V Adjust Potentiometer
- Overload / OverVoltage / Short Circuit Protection
- 1-Year Product Warranty

### INPUT:

Input Voltage	90~264 VAC (Universal AC Input)
Input Frequency	47-63Hz
Input Current	3A maximum tat 115VAC
Input Protection	Single Fuse
Hold-Up Time	8ms Minimum
Harmonics	EN61000-3-2 Class A Compliant

### GENERAL:

Efficiency	82-84%
Operating Temperature	-25 to +70°C, derate 2.5% / °C above 50°C
Storage Temperature	-40°C to +85°C
Cooling	Convection Cooled
Operating Humidity	5-95% RH, Non-Condensing
Vibration	10~500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes.
MTBF	>100k Hrs (according to MIL-HBK-217F) at 25°C

### OUTPUT:

Minimum Load	n/a
Output Adjustment	±5% (typical)
Line Regulation	±1% max
Load Regulation	±1% max
Ripple & Noise	±1% typ. pk-pk @ 20MHz
Overload Protection	Auto-Recovery
Over Voltage	Auto-Recovery
Short Circuit Protection	Auto-Recovery

### APPROVALS:

Emissions	EN55022 "B", FCC Part 15 Subject J Class B
Safety Approvals	UL/cUL EN60950-1 CB IEC 60950-1 CE Mark (LVD)



## DFE-050 SERIES:

**Output Specifications:**

Model:	V1	OUTPUT CURRENT	EFFICIENCY
DFE-050-12	12	4.2A	82-84%
DFE-050-24	24	2.2A	82-84%

