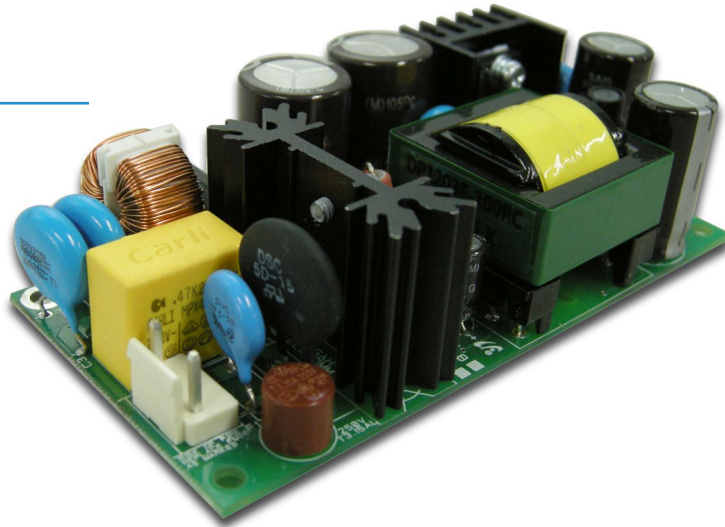


REV: 071315



PRODUCT FEATURES:

- **Universal AC Input**
- **Single Output Modules Available**
- **Meets FCC & EN Class B EMI**
- **Compact Size 2.0" x 4.0"**
- **Low Profile 1.25"**
- **Worldwide Safety Approval**



INPUT SPECIFICATIONS:

VOLTAGE	Universal AC Input (90 ~ 264VAC)
FREQUENCY	47Hz ~ 63 Hz
INRUSH	≤ 12A @ 230VAC Full Load
CURRENT	≤ 0.75A @ 230VAC (Max Continuous)
PROTECTION	Single 3.1A Fuse / 250V Rated
LEAKAGE	≤ .75mA Max @ 264VAC
HOLD-UP	≥20ms minimum (230VAC, Full Load)
EFFICIENCY	12V Output: 80% (typical) @ 230VAC Full Load 24V Output: 84% (typical) @ 230VAC Full Load
HARMONICS	EN61000-3-2 Class D Compliant (>0.98PF)

OUTPUT SPECIFICATIONS:

OUTPUT VOLTAGE	See Output Table (page 2)
OUTPUT CURRENT	See Output Table (page 2)
LINE REGULATION	±1%, across full input range
LOAD REGULATION	±1%, across full load range
RIPPLE	120mV p-p, max (20MHz BW plus .1uF and 47uF)
SETPOINT ACCURACY	±1%
EXCURSION	±5% max, 25% Step Load
RECOVERY	100ms, max
OVER-CURRENT	≥120% (Foldback, Auto-Recovery)
OV PROTECTION	110~125% (Recycle input to reset)

GENERAL SPECIFICATIONS:

OPERATING TEMPERATURE	-10°C ~ +65°C
STORAGE TEMPERATURE	-40°C ~ +85°C
OPERATING HUMIDITY	10% ~ 95% (non-condensing)
STORAGE HUMIDITY	5% ~ 95% (non-condensing)
COOLING	5CFM External Airflow
VIBRATION	10-55Hz, 2G, 3Min Period, 60 min each (3 axes)
SHOCK	20G Peak Acceleration
RELIABILITY	>100K Hours (per MIL STD 217F)
SIZE (INCHES)	2.0" x 4.0" x 1.25"

EMISSIONS:

EMISSIONS	EN55022 Level B (Conducted)
ELECTROSTATIC DISCHARGE	EN61000-4-2, 4KV Contact/ 8KV Air
RADIATED SUSCEPTIBILITY	EN61000-4-3, 26-1000MHz, 10V/M, 80%AM
EFT/BURSTS	EN61000-4-4, 2KV
SURGES	EN61000-4-5, 2kV Earth, 1kV Line-Line
CONDUCTED IMMUNITY	EN61000-4-6, 0.15-800MHz, 10V 80%
VOLTAGE DIPS	EN61000-4-10, 95% Dip & 10ms / 30% Dip & 500ms
VOLTAGE INTERRUPTIONS	EN61000-4-11, 95% reduction, 5ms
FLUCTUATIONS & FLICKER	EN61000-3-3

SAFETY STANDARDS:

UL/cUL	UL60950-1, 2nd Ed.; CAN/CSA-C22.2 No. 60950-1-07, 2nd Ed.
CE MARK	Low Voltage Directive



OUTPUT MODELS:

Output Model	VDC	Io (Min)	Io (Max)	Safety Certification
PSU-65W-12V	12V	0A	5.4A	Certified (Approved)
PSU-65W-15V	15V	0A	4.3A	Certified (Approved)
PSU-65W-24V	24V	0A	2.7A	Certified (Approved)
PSU-65W-48V	48V	0A	1.35A	Certified (Approved)

OUTLINE DRAWING:

