



Features

- Compact, Low Cost & High Reliability
- Protection : Short circuit, overvoltage & overload
- 100% Full load Burn-in Test
- Cooling By Free Air Convection
- LED Indicator For Power On
- CE Marked on all Models
- 1 Year Warranty

INPUT SPECIFICATION

Voltage Range	100 - 120VAC 200 - 240VAC
Frequency Range	47 - 63Hz
Efficiency	D60A 73% D60B 76%
AC Current (typ.)	2A / 115VAC ; 1A / 230VAC
Inrush Current (typ.)	30A / 115VAC ; 60A / 230VAC (for cold start at 25°C)
Leakage Current	<3.5mA / 240VAC

OUTPUT SPECIFICATION

	MODEL	CH1	CH2
Rated Current	D60A	4A	3A
	D60B	3A	1.8A
Rated Power	60Watts		
Voltage ADJ. Range	-5 to 10% (with V.ADJ)		
Voltage Tolerance	MODEL	CH1	CH2
	D60A	±2%	±6%
	D60B	±2%	±5%
Ripple & Noise(max)	MODEL	CH1	CH2
	D60A	75mVp-p	150mVp-p
	D60B	75mVp-p	150mVp-p
Setup Time	800ms / 115VAC	300ms / 230VAC at full load	
Rise Time	50ms / 115VAC	50ms / 230VAC at full load	
Hold Time(Typ.)	10ms / 115VAC	80ms / 230VAC at full load	

PROTECTION

Overload	105% to 150% rated load current Protection Type : Hiccup mode, recovers automatically after fault condition is removed
Overvoltage	115% to 135% rated load current Protection Type : Shutdown output voltage, re-power on to recover

ENVIRONMENT

Temperature	Working : -10°C to +60°C (derating is required according to temperature) Storage : -20°C to +85°C (with no icing or condensation)
Humidity	Working : 20% to 90% RH Storage : 10% to 95% RH
Vibration Resistance	10 to 500Hz, 10min/1cycle (2G) for 60min each in X, Y, Z directions

STANDARDS

Safety Standards	Meet the UL1012, EN60950 requirements
EMC Standards	Meet the EN55022, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11, ENV50204, EN55024 CLASS A equipment

SECURITY

Isolation Resistance	I/P and O/P ; I/P and FG ; O/P and FG : 100MΩ at 500VDC, 25°C, 70% RH
Dielectric Strength	Between I/P and O/P : 3kVAC for 1 min
	Between O/P and F.G : 0.5kVAC for 1 min

OTHER SPECIFICATION

Weight	0.55kg
Dimension (L*W*H)	159*98*38 mm

ORDER CODE

MODEL		VOLTAGE	CURRENT
D-60A	CH1	5VDC	4.0A
	CH2	12VDC	3.0A
D-60B	CH1	5VDC	3.0A
	CH2	24VDC	1.8A

DIMENSIONS

Terminal Pin No. Assignment

Pin No.	Assignment
1	AC/L
2	AC/N
3	FG ±
4	DC OUTPUT +V2
5	DC OUTPUTCOM2
6	DC OUTPUTCOM1
7	DC OUTPUT-V1

Dimension

PARAMETER	VALUE
Length	159mm
Width	97mm
Height	38mm
Weight	0.55kg