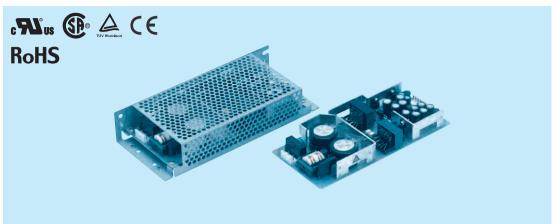
LD C 60 F



- ①Series name ②Multiple output ③Output wattage
- Universal input
 Output voltage combinaition

 (iii) Optional *4

 C: with Coating

 G: Low leakage current

- S :with Chassis SN:with Chassis & cover Y :with Potentiometer

MODEL		LDC60F-1	LDC60F-2	
DC OUTPUT	V1	+5V 5.0(Peak 7.0)A	+5V 5.0(Peak 7.0)A	
	V2	+12V 2.5(Peak 3.5)A	+15V 2.0(Peak 3.5)A	
	V3	-12V 0.5(Peak 0.7)A	-15V 0.5(Peak 0.7)A	

SPECIFICATIONS

	MODEL		LDC60F-1			LDC60F-2				
	VOLTAGE[V]		AC85 - 264 1 φ or DC110 - 370							
INPUT	CURRENT[A] ACIN 100V		1.4typ (lo=100%)							
	FREQUENCY[Hz]		47 - 440 or DC							
	EFFICIENCY[%]	ACIN 100V	72typ (lo=100%)							
	INDUOLI CUDDENTIAL	ACIN 100V	30typ (lo=100%) (At cold start)							
	INRUSH CURRENT[A] ACIN 200V		60typ (Io=100%) (At cold start)							
	LEAKAGE CURRENT[mA]		0.75max (60Hz, According to UL, CSA, VDE and DEN-AN)							
VOLTAGE[V]		+5	+12	-12	+5	+15	-15			
	CURRENT[A] *1		0 - 5.0 (Peak 7.0)	0 - 2.5 (Peak 3.5)	0 - 0.5 (Peak 0.7)	0 - 5.0 (Peak 7.0)	0 - 2.0 (Peak 3.5)	0 - 0.5 (Peak 0.7)		
	LINE REGULATION[mV]		20max	48max	48max	20max	60max	60max		
	LOAD REGULATION[mV]		100max	150max	150max	100max	150max	150max		
	RIPPLE[mVp-p]	0 to +50°C *2	100max	120max	120max	100max	120max	120max		
		-10 - 0℃ *2	150max	160max	160max	150max	160max	160max		
		0 to +50°C *2	120max	150max	150max	120max	150max	150max		
		-10 - 0℃ *2	170max	180max	180max	170max	180max	180max		
	TEMPERATURE REGULATION(mV)	0 to +50℃	50max	350max	350max	50max	350max	350max		
	TEMPERATURE REGULATION[IIV]	-10 to +50℃	60max	420max	420max	60max	420max	420max		
	DRIFT[mV]	*3	20max			20max				
	START-UP TIME[ms]		200max (ACIN 85V, Io=100%)							
	HOLD-UP TIME[ms]		10typ (ACIN 85V, Io=100%), 20typ (ACIN 100V, Io=100%), 100typ (ACIN 200V, Io=100%)							
	OUTPUT VOLTAGE ADJUSTMENT RANGE[V]		Fixed	Fixed	Fixed	Fixed	Fixed	Fixed		
	OUTPUT VOLTAGE SETTING[V]		4.9 to 5.3	11.4 to 12.6	-11.4 to -12.6	4.9 to 5.3	14.25 to 15.75	-14.25 to -15.75		
	OVERCURRENT PROTECTION		Works over 105% of rating and recovers automatically							
CIRCUIT AND	OVERVOLTAGE PROTECTION		Works over 115% of rating by zener diode clamping (only available with V1, V2)							
	OPERATING INDICATION		Not provided							
	REMOTE SENSING		Not provided							
	REMOTE ON/OFF		Not provided							
ISOLATION	INPUT-OUTPUT		AC3,000V 1minute, Cutoff current = 10mA, DC500V 50M Ω min (At Room Temperature)							
	INPUT-FG		AC2,000V 1minute, Cutoff current = 10mA, DC500V 50M Ω min (At Room Temperature)							
	OUTPUT-FG		AC500V 1minute, Cutoff current = 100mA, DC500V 50M Ω min (At Room Temperature)							
	OUTPUT-OUTPUT(V1-V2,V3)		AC100V 1minute, Cutoff current = 100mA, DC100V 10M Ω min (At Room Temperature)							
ENVIRONMENT	OPERATING TEMP.,HUMID.AND ALTITUDE		-10 to +60°C, 20 - 90%RH (Non condensing) (Refer to DERATING CURVE), 3,000m (10,000feet)							
	STORAGE TEMP.,HUMID.AND ALTITUDE		-20 to +75°C, 20 - 90%RH (Non condensing), 9,000m (30,000feet)							
	VIBRATION		10 - 55Hz, 19.6m/s² (2G), 3minutes period, 60minutes each along X, Y and Z axis							
	IMPACT		196.1m/s ² (20G), 11ms, once each X, Y and Z axis							
NOISE	AGENCY APPROVAL		UL60950-1, EN60950-1, EN50178, CSA C22.2 No.60950-1 Complies with DEN-AN and IEC60950-1							
REGULATIONS	CONDUCTED NOISE		Complies with FCC-B, CISPR22-B, EN55022-B, VCCI-B							
OTHERS +	CASE SIZE/WEIGHT		83 x 26 x 185mm [3.27 x 1.02 x 7.28 inches] (W x H x D) / 300g max (with chassis & cover : 550g max)							
	COOLING METHOD		Convection							

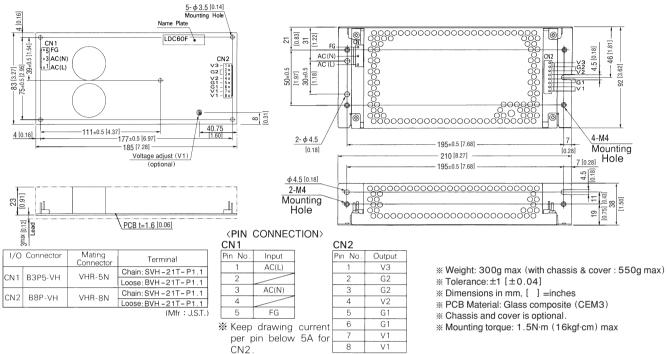
- Peak load for 10sec. or less is acceptable if the total wattage is less than the rated wattage(-1: 61W, -2: 62.5W). When the load of +5V is OA, other output can be drawn by 80% of rated current. Measured by 20MHz oscilloscope or Ripple-Noise meter (equivalent to KEISOKU-GIKEN:RM101).
- *2 Measured by 20MHz oscilloscope or Ripple-Noise meter (equivalent to KEISOKU-GIKEN:RM101).

 *3 Drift is the change in DC output for an eight hour period after a half-hour warm-up at 25°C with the input voltage held constant at the rated input/output.

 *4 Please contact us about safety approvals for the model with option.
- Please contact us about safety approvals for the model with option. Avoid prolonged use under over-load.
- Derating is required when operated with chassis and cover.

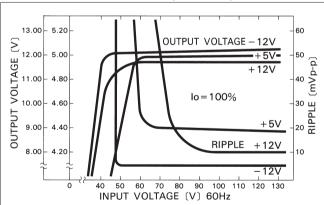


External view

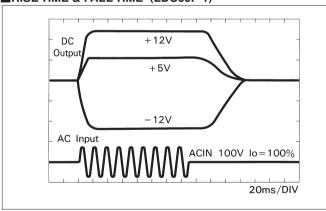


Performance data

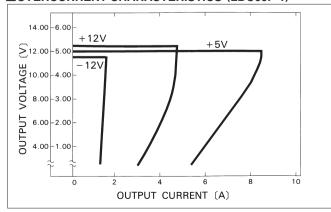
■STATIC CHARACTERISTICS (LDC60F-1)



■RISETIME & FALLTIME (LDC60F-1)



■OVERCURRENT CHARACTERISTICS (LDC60F-1)



■DERATING CURVE

