



- ① Series name
- ② Output wattage
- ③ Autoranging input
- ④ Output voltage
- ⑤ Optional
 - C :with Coating
 - G :Low leakage current
 - R :with Remote ON/OFF
 - S :with Chassis
 - SN :with Chassis & cover
 - Y :with Potentiometer

MODEL	LDA100W-3	LDA100W-5	LDA100W-9	LDA100W-12	LDA100W-15	LDA100W-18	LDA100W-24	LDA100W-24-H	LDA100W-30	LDA100W-48
MAX OUTPUT WATTAGE[W]	60	100	103.5	102	100.5	100.8	103.2	103.2	105	96
DC OUTPUT	*3 3V 20A	5V 20A	9V 11.5A	12V 8.5A	15V 6.7A	18V 5.6A	24V 4.3A	24V 4.3(6.5)A	30V 3.5A	48V 2.0A

SPECIFICATIONS

	MODEL	★LDA100W-3	LDA100W-5	★LDA100W-9	LDA100W-12	LDA100W-15	★LDA100W-18	LDA100W-24	★LDA100W-24-H	★LDA100W-30	★LDA100W-48	
INPUT	VOLTAGE[V]	AC 85 - 132 / 170 - 264 1 φ										
	CURRENT[A]	ACIN 100V	2.4typ (Io=100%)									
		ACIN 200V	1.2typ (Io=100%)									
	FREQUENCY[Hz]	47 - 440										
	EFFICIENCY[%]	75typ		79typ	80typ	81typ	82typ	82typ	83typ	83typ	83typ	82typ
	INRUSH CURRENT[A]	ACIN 200V	30typ (Io=100%) (At cold start)									
LEAKAGE CURRENT[ma]	0.75max (60Hz, According to UL, CSA, VDE and DEN-AN)											
OUTPUT	VOLTAGE[V]	3	5	9	12	15	18	24	24	30	48	
	CURRENT[A]	*1 20	20	11.5	8.5	6.7	5.6	4.3	4.3 (6.5)	3.5	2.0	
	LINE REGULATION[mV]	20max	20max	36max	48max	60max	72max	96max	96max	120max	192max	
	LOAD REGULATION[mV]	40max	40max	100max	100max	120max	120max	150max	150max	180max	240max	
	RIPPLE[mVp-p]	0 to +50°C	80max	80max	120max	120max	120max	120max	120max	120max	150max	150max
		-10 - 0°C	140max	140max	160max	160max	160max	160max	160max	160max	160max	200max
	RIPPLE NOISE[mVp-p]	0 to +50°C	120max	120max	150max	150max	150max	150max	150max	250max	150max	400max
		-10 - 0°C	160max	160max	180max	180max	180max	180max	180max	280max	180max	600max
	TEMPERATURE REGULATION[mV]	60max	60max	120max	150max	180max	200max	290max	290max	360max	560max	
	DRIFT[mV]	*2 20max	20max	36max	48max	60max	72max	96max	96max	120max	192max	
	START-UP TIME[ms]	200max (ACIN 100V, Io=100%)										
HOLD-UP TIME[ms]	10typ (ACIN 85V, Io=100%) 20typ (ACIN 100V, Io=100%)											
OUTPUT VOLTAGE ADJUSTMENT RANGE[V]	2.85 - 3.6	4.5 - 5.5	Fixed ("Y" which can be adjusted the output is available as option :9 - 48V ±10%)									
OUTPUT VOLTAGE SETTING[V]	—	—	8.6 - 9.4	11.5 - 12.5	14.4 - 15.6	17.3 - 18.7	23.0 - 25.0	23.0 - 25.0	28.8 - 31.2	46.0 - 50.0		
PROTECTION CIRCUIT AND OTHERS	OVERCURRENT PROTECTION	Works over 105% of rating (-H : peak) and recovers automatically										
	OVERVOLTAGE PROTECTION	4.00 - 5.25V	Works at 115 - 140% of rating									
	OPERATING INDICATION	Not provided										
	REMOTE SENSING	Not provided										
REMOTE ON/OFF	Option (Refer to Instruction Manual)											
ISOLATION	INPUT-OUTPUT	AC3.000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (At Room Temperature)										
	INPUT-FG	AC2.000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (At Room Temperature)										
	OUTPUT-FG	AC500V 1minute, Cutoff current = 100mA, DC500V 50MΩ 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) max										
	STORAGE TEMP., HUMID. AND ALTITUDE	-20 to +75°C, 20 - 90%RH (Non condensing) 9,000m (30,000feet) max										
	VIBRATION	10 - 55Hz, 19.6m/s ² (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										
SAFETY AND NOISE REGULATIONS	AGENCY APPROVALS	UL1950, EN60950, VDE0160, CSA C22.2 No.234 Complies with DEN-AN and IEC60950										
	CONDUCTED NOISE	Complies with FCC-B, CISPR22-B, EN55022-B, VCCI-B										
OTHERS	CASE SIZE/WEIGHT	62 X 35 X 222mm (W X H X D) /360g max (without chassis and cover)										
	COOLING METHOD	Convection										

*1 Peak load for 20sec. or less is acceptable if the total wattage is less than the rated wattage(24V:103.2W).
 *2 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.
 *3 () : peak current
 * Avoid prolonged use under over-load.

* Parallel operation with other model is not possible.
 * Derating is required when operated with chassis and cover.
 ★ marked models are pending for safety approvals. Consult with us for delivery.