



- ① Series name
- ② Output wattage
- ③ Autoranging input
- ④ Output voltage
- ⑤ Optional
- C :with Coating
- G :Low leakage current
- L :with LED
- R :with Remote ON/OFF
- S :with Chassis
- SNF:with Chassis & cover & fan
- T :Vertical terminal block

MODEL	LDA300W-3	LDA300W-5	LDA300W-9	LDA300W-12	LDA300W-15	LDA300W-18	LDA300W-24	LDA300W-30	LDA300W-48
MAX OUTPUT WATTAGE[W]	180	300	306	324	330	306	336	300	302.4
DC OUTPUT	3V 60A	5V 60A	9V 34A	12V 27A	15V 22A	18V 17A	24V 14A	30V 10A	48V 6.3A

## SPECIFICATIONS

	MODEL	LDA300W-3	LDA300W-5	LDA300W-9	LDA300W-12	LDA300W-15	LDA300W-18	LDA300W-24	LDA300W-30	LDA300W-48	
INPUT	VOLTAGE[V]	AC 85 - 132 / 170 - 264 1 φ									
	CURRENT[A]	ACIN 100V	7.5typ (Io=100%)								
		ACIN 200V	4.5typ (Io=100%)								
	FREQUENCY[Hz]	47 - 440									
	EFFICIENCY[%]	ACIN 100V	72typ	78typ	78typ	80typ	81typ	81typ	83typ	83typ	83typ
		ACIN 200V	74typ	81typ	81typ	83typ	84typ	84typ	86typ	86typ	86typ
	INRUSH CURRENT[A]	ACIN 100V	15/30A typ (Primary/Secondary Surge Current) Io=100% (More than 3sec.to re-start)								
	ACIN 200V	30/30typ (Primary/Secondary Surge Current) Io=100% (More than 3sec.to re-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	30	48	
	CURRENT[A]	Forced air	60	60	34	27	22	17	14	10	6.3
		Convection*1	40 (60)	40 (60)	23 (34)	17 (27)	14 (22)	12 (17)	9 (14)	7 (10)	4.2 (6.3)
	LINE REGULATION[mV]	20max									
	LOAD REGULATION[mV]	40max									
	RIPPLE[mVp-p]	0 to +50°C*2	80max	80max	120max	120max	120max	120max	120max	120max	150max
		-10 - 0°C*2	140max	140max	160max	160max	160max	160max	160max	160max	200max
	RIPPLE NOISE[mVp-p]	0 to +50°C*2	120max	120max	150max	150max	150max	150max	150max	150max	400max
		-10 - 0°C*2	160max	160max	180max	180max	180max	180max	180max	180max	600max
	TEMPERATURE REGULATION[mV]	60max									
	DRIFT[mV]	20max*3									
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		±10%								
PROTECTION CIRCUIT AND OTHERS	OVERCURRENT PROTECTION	Works over 105% of rating and recovers automatically									
	OVERVOLTAGE PROTECTION	4.00 - 5.25V Works at 115 - 140% of rating									
	OPERATING INDICATION	Not provided									
	REMOTE SENSING	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 ALTTITUDE	-10 to +70°C, 20 - 90%RH (Non condensing) (Refer to DERATING CURVE) 3,000m (10,000feet) max									
	STORAGE TEMP.,HUMID.AND ALTTITUDE	-20 to +75°C, 20 - 90%RH (Non condensing) 9,000m (30,000feet) max									
	VIBRATION	10 - 55Hz, 19.6m/s <sup>2</sup> (2G), 3minutes period, 60minutes each along X, Y and Z axis									
	IMPACT	196.1m/s <sup>2</sup> (20G), 11ms, once each X, Y and Z axis									
SAFETY AND NOISE REGULATIONS	AGENCY APPROVALS	UL1950, C-UL, EN60950, VDE0160 Complies with DEN-AN and IEC60950									
	CONDUCTED NOISE	Complies with FCC-B, CISPR22-B, EN55022-B, VCCI-B									
OTHERS	CASE SIZE/WEIGHT	108×50×255mm (W×H×D) /1kg max (without terminal block)									
	COOLING METHOD	Convection / Forced air (Refer to DERATING CURVE)									

\*1 Peak load for 30sec. or less is acceptable if the total wattage is less than the rated wattage.  
 \*2 This is the value that measured on measuring board with capacitor of 22 μF within 150mm from output terminal.  
 \*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.  
 \* Parallel operation with other model is not possible.  
 \* Derating is required when operated with chassis and cover.