

FEATURES :

- Universal Input 90~305VAC
- High Efficiency to 88% Typical
- Power Factor Correction
- Protection: Short Circuit /Over current/Over voltage
- IP64/IP67 design for indoor and outdoor installations
- Application: Suitable for LED lighting and moving sign applications

Specifications typical at TA=25°C, nominal input voltage and rated output current unless otherwise specified

Part Number	Constant Current Region	Output Current	Output Power	Efficiency
	(V)	(mA)	(W) Max	%(TYP)
LHA20(A)-360-300	24.0-36.0	300	10.8	88
LHA20(A)-360-350	24.0-36.0	350	12.6	88
LHA20(A)-360-400	24.0-36.0	400	14.4	87
LHA20(A)-360-500	24.0-36.0	500	18.0	86
LHA20(A)-360-700	24.0-36.0	700	25.2	85
LHA20(A)-480-300	36.0-48.0	300	14.4	88
LHA20(A)-480-350	36.0-48.0	350	16.8	88
LHA20(A)-480-400	36.0-48.0	400	19.2	87
LHA20(A)-480-500	36.0-48.0	500	24.0	86

NOTE: (A) is IP67 Rated, For example: LHA20A-360-300 IP67 Rated, LHA20-360-300 IP64 Rated.

Input Specifications

Parameters	Conditions	Min	Typ	Max	Units
Rated input voltage	Vo,Io nom		100~277		Vac
Voltage Range	Vo,Io nom	90		305	Vac
Line Frequency	Vi nom, Ionom	47	50/60	63	Hz
Inrush Current	Io nom	Vi:115VAC		20	A
		Vi:230VAC		40	A
Power Factor	PF> 0.85 / 115Vac,230Vac at full load				

Output Specifications

Parameters	Conditions	Min	Typ	Max	Units
Isolation Voltage	Input / Output		3KVac/ 5mA/5Secs		
Current Accuracy	Vi=100-277Vac		±3	±5	%
Operating Temperature	Operating at Vi nom, Io nom	-40		+50	°C
Protection	Over Current	>108% rated output power(Constant current limiting) Protection type: Recovers automatically after fault condition is removed			
	Over Voltage	120%-150% rated output Voltage Protection type: Recovers automatically after fault condition is removed			
	Short circuit	Recovers automatically after fault condition is removed			



LED Drivers

LHA20(A) SERIES

10~25Watt

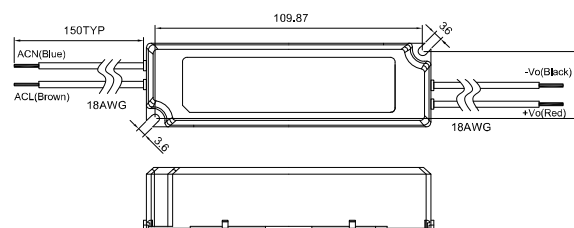
Single Output
3KVac Isolated
PFC
Non-Dimmable



Part Number

LHA20 (A) - 360 - 300
A B C D
A : Series
B : IP67 Rated
C : Output Voltage
D : Output Current

Markings and dimensions



L120.0x W35.0 x H26.0 mm

UNIT:mm Unless otherwise specified,all tolerances are ±0.50

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