

20W~60W HC Series Single DC Output

Features:

- IP20, IP67 Case Options
- Class 2 Rated
- Isolation Class II (Without grounding)
- OCP/OPP/OVP/SCP Protections (OTP Optional)
- PF>0.92
- Fully Isolated Plastic Case
- 100% Burn-in
- Universal AC Input: Up to 305Vac
- EMC and Safety Approved



IP67 type



IP20 type

Specifications:



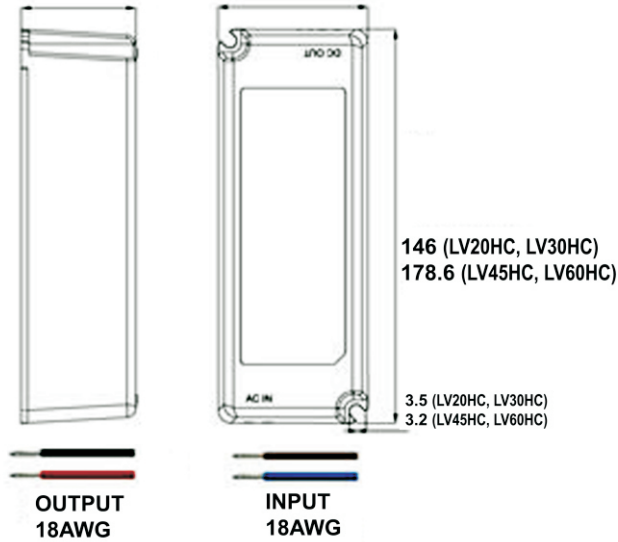
Part No.	Constant Voltage	Tol.	Load Current	R&N Vpeak-peak	Efficiency
LV20HC-12	12V	±5%	1.67A	3V	85%
LV20HC-24	24V	±5%	0.83A	3V	85%
LV30HC-12	12V	±5%	2.5A	3V	86%
LV30HC-24	24V	±5%	1.25A	3V	86%
LV45HC-12	12V	±5%	3.75A	3V	87%
LV45HC-24	24V	±5%	1.875A	3V	87%
LV60HC-12	12V	±5%	5A	3V	87%
LV60HC-24	24V	±5%	2.5A	3V	87%

Mechanical:

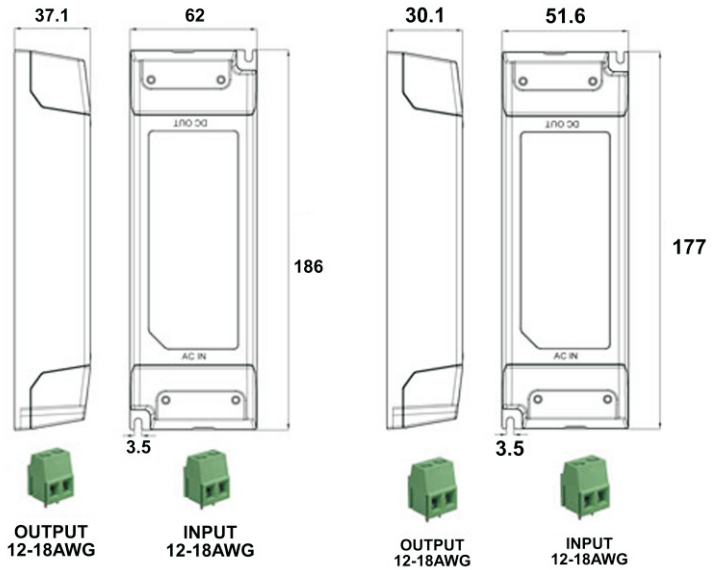
Safety & EMC	UL60950-1	IEC/EN61347-2-13	EN55015 Class B
	UL1012	IEC/EN6147-1	EN61547
	UL1310	IEC61000-4-2~6/-8/-11	EN61000-2/-3-3
	UL8750		FCC 47 Part 15 Subpart B
Input Voltage	90~264Vac		
Inrush Current	Less than 40A peak at full load and 25°C ambient cold start		
Protection	OVP	Auto-recovery	
	SCP	Auto-recovery	
	OPP	Auto-recovery	
	OTP	Optional	
	Dielectric Withstand Voltage	10mA/60Sec/non operating: I/P-O/P 3.75KVac	
	Vibration	10~500Hz, 2G 12min./1cycle, period for 72min. each along X,Y,Z axes	
	MTBF	>43,000hrs @ 50°C	
	Operating Temperature	-30°C ~ +60°C -30°C ~ +70°C	

Drawing:

34 (LV20HC, LV30HC) 46 (LV20HC, LV30HC)
34 (LV45HC, LV60HC) 48 (LV45HC, LV60HC)



(LV20HC, LV30HC, LV45HC, LV60HC)
IP20 type



(LV20HC, LV30HC)
IP67 type

(LV45HC, LV60HC)
IP67 type