

LT070



Constant Voltage Power Supplies

12V : JH11728-16002D

24V : JH11728-17001C

*주의사항 : 이모델은 RGB, Controller, 기타 회로에 사용시 정상작동이 안될수있습니다.

This model may not work properly when used in RGB, Controller, and other circuits

--- FEATURES ---

- ☐ IP68 Waterproof
- ☐ OLP, SCP, OCP
- ☐ -20 to 50°C deg operation
- ☐ EN61347-1, -2-13 compliant

The constant voltage LED power supplies from Smart power can deliver up to 66W of output power in an compact package size.

The Power Supply provide a range of output voltage solutions for specific LED requirements. With its high efficiency, Power Supply make you experience the high reliability and performance to maximize efficiency of industry as a outstanding solution.

Model Number	Input Voltage	Output Voltage	Output Current	Remark
LT070	220Vac	12V	5.0A	
LT070-24V	220Vac	24V	2.5A	

Input Specifications

parameter	Conditions/Description	Min	Nom	Max	Units	Remark
Input Voltage Range	220Vac Input	200	220	240	Vac	
Input Frequency Range		47	60	63	Hz	
Input Current	220Vac in, 66W/70W Input			0.68	A	
Input Power	220Vac in		66	70	W	
Power Factor	220Vac in, 66W/70W Input	0.5C				

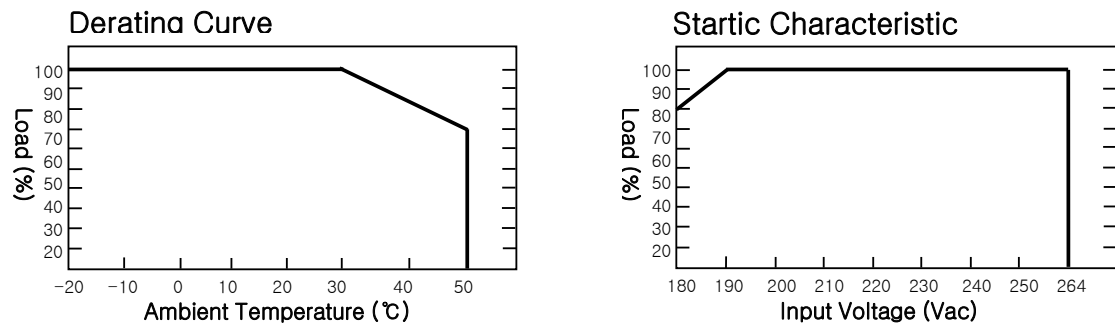
Output Specifications

parameter	Conditions/Description	Min	Nom	Max	Units	Remark
Line Regulation				±8	%	
Load Regulation				±8	%	
Output Tolerance				±8	%	
Over Current Protection	Output shut down with auto-recovery					
Short Circuit Protection	Output shut down with auto-recovery					
Over Voltage or Load Protection	Output shut down with auto-recovery					
Over Temperature Protection	Output shut down with auto-recovery					

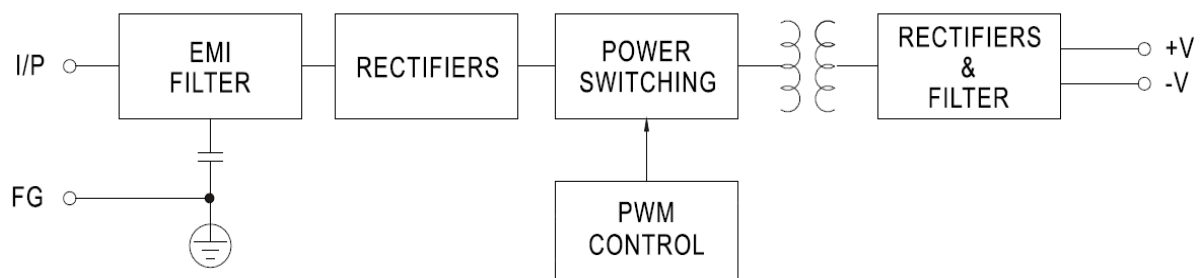
General Specifications

parameter	Conditions/Description	Min	Nom	Max	Units	Remark
Dielectric Withstand Voltage	non operating / primary to secondary	3.0KVac, 10mA, 3Sec				
Insulation Resistance	non operating / primary to secondary	Greater than 100MΩ at 500 VDC				
Efficiency	See individual models	80		94	%	
Weight	Case : Plastic		±345		g	
Operating Temperature		-20		+50	°C	
Storage Temperature		-30		+70	°C	
Relative Humidity	Non-condensing (operating)	20		90	%RH	
Power Derating	At 200VAC, derates linearly from 100% at 25°C to 70% at 50°C					
	At 240VAC, derates linearly from 100% at 25°C to 70% at 50°C					

load Characteristic Curve



Block Diagram



Case size

