



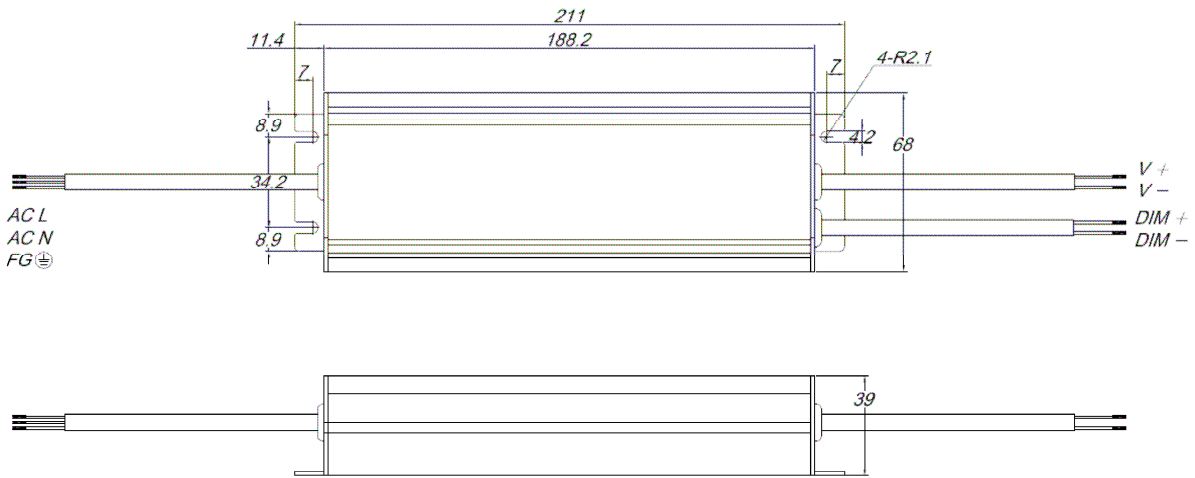
- Features:
 - Universal AC input 90~305 Vac.
 - Constant Voltage / Constant Current Operation.
 - Suitable for LED lighting applications.
 - Built-in ACTIVE PFC Function.
 - Protections: OVP / SCP / OTP.
 - IP67 Level design for indoor or outdoor installations.
 - High Voltage output.
 - Cooling by free air convection.



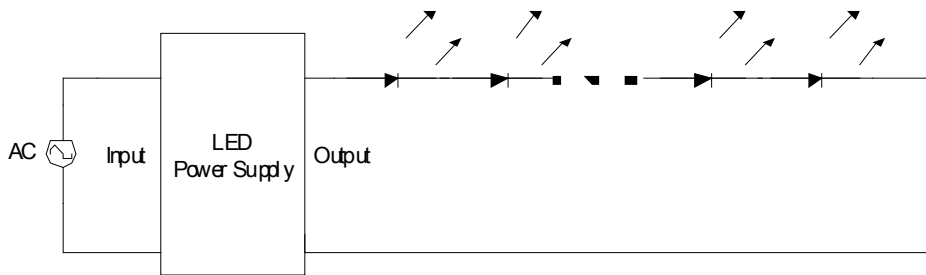
SPECIFICATION

MODEL	BLLQ120F2-343	BLLQ120F2-227	BLLQ120F2-172	BLLQ120F2-133	BLLQ120F2-115	BLLQ120F2-100	BLLQ120F2-086	
OUTPUT	DC Voltage Range Note.2	205-343V	136-227V	103-172V	80-133V	69-115V	60-100V	51-86V
	Rated Current	350mA	530mA	700mA	900mA	1050mA	1200mA	1400mA
	Current Tolerance	+5%, -5%	+5%, -5%	+5%, -5%	+5%, -5%	+5%, -5%	+5%, -5%	+5%, -5%
	Rated Power	120.05W	120.31W	120.4W	119.7W	120.75W	120W	120.4W
	Ripple&Noise(Max.) Note.3	1V	1V	1V	1V	1V	1V	1V
	Efficiency at 230Vac(Max.)Note.4	92%	92%	92%	92%	92%	92%	92%
	Voltage Tolerance	±10%	±10%	±10%	±10%	±10%	±10%	±10%
	Set up time (Max.)	2000ms/ 230Vac and 3000ms/115Vac at rated power.						
INPUT	Voltage Range	90 ~ 305Vac						
	Norminal Voltage	100 ~ 277Vac						
	Frequency Range	47 Hz ~ 63 Hz						
	AC Current (Max.)	1.6A at 115Vac / 0.8A at 230Vac						
	Power Factor	>0.98 at 115Vac / ≥0.95 at 230Vac at full load.P.F≥0.9 at 75% load at 230Vac						
	Inrush Current (Max.)	75A at 230Vac (COLD START)						
	Leakage Current	<0.5mA at 230Vac/50Hz						
PROTECTION	Over Voltage	No part damaged on power supply.						
	Short Circuit	Type: Shut down output voltage & recovers after fault condition removed.						
	Over Temperature	Type: Shut down output voltage & recovers after fault condition removed.						
ENVIRONMENT	Operation Temp.	-40 ~ 60℃ at Full Load. (Refer to output load derating curve)						
	Operation Humidity	10% ~ 95% RH non-condensing.						
	Storage Temp.	-40 ~ +80℃						
	Storage Humidity	5% ~ 95% RH						
	Vibration	10~500 Hz, 2G 10 min./1 cycle, period for 60 min. each along X, Y, Z axes.						
SAFETY & EMC	Safety Standards	IEC/EN 61347-1,IEC/EN 61347-2-13,IP67 approved						
	Withstand Voltage	I/P-O/P: 3.75KVAC I/P-FG:1.88KVAC O/P-FG:0.5KVAC						
	Isolation Resistance	I/P - O/P, I/P - FG, O/P - FG: >100M ohms / 500VDC at 25 ℃						
	EMI Conduction & Radiation	Compliance to EN55015.						
	Harmonic Current	Compliance to EN61000-3-2 Class C ,EN61000-3-3						
	EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11 , EN61547, meet light industry level(surge 4KV), criteria B.						
OTHERS	MTBF	300K hours min. MIL-HDBK-217F(25℃)						
	Dimension(L*W*H)	211mm x 68mm x39mm						
	Packing(L*W*H)/Carton	TBD						
	Weight	1.05Kg						
NOTE	1. All specifications not specially mentioned are measured at 230Vac and 25 ℃ ambient temperature. 2. The range is for constant current application. 3. Ripple & Noise are measured at 20MHz bandwidth by using a 12" twisted pair-wire terminated with 0.1uf & 47uf parallel capacitor. 4. Efficiency can be measured Max. Efficiency after 10 mins burn-in.							

■ Mechanical Specification



■ Direct Driving



■ Derating Curve

