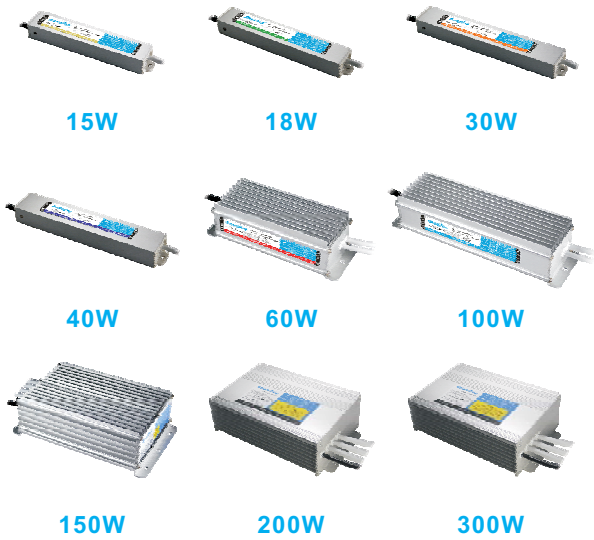


Waterproof LED Driver LPS Series



■ Features:

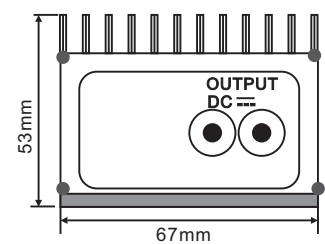
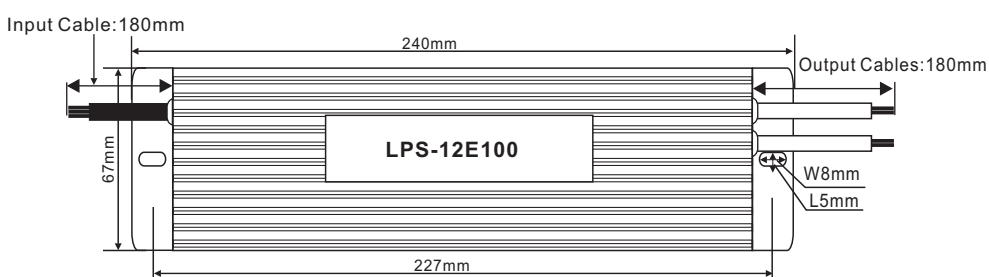
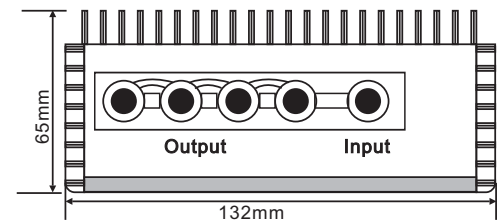
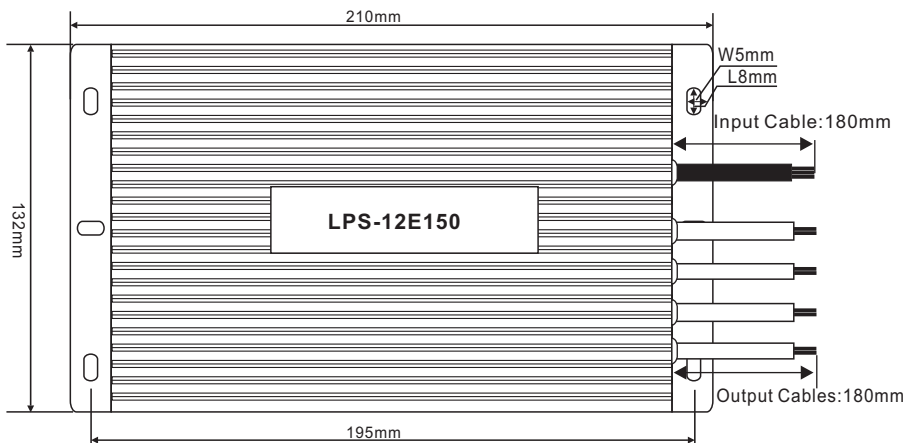
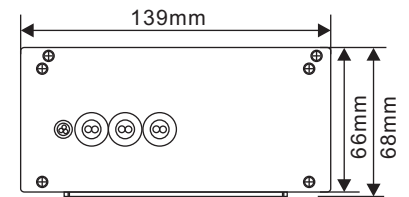
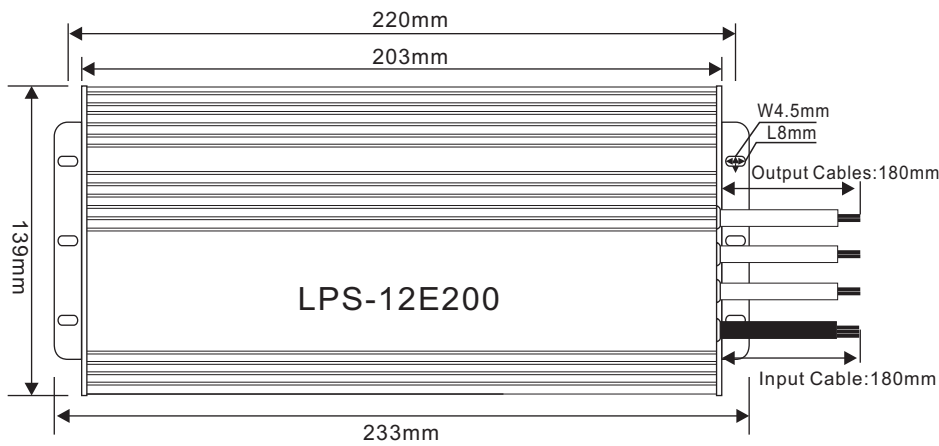
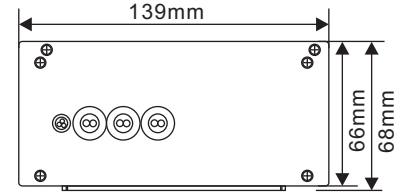
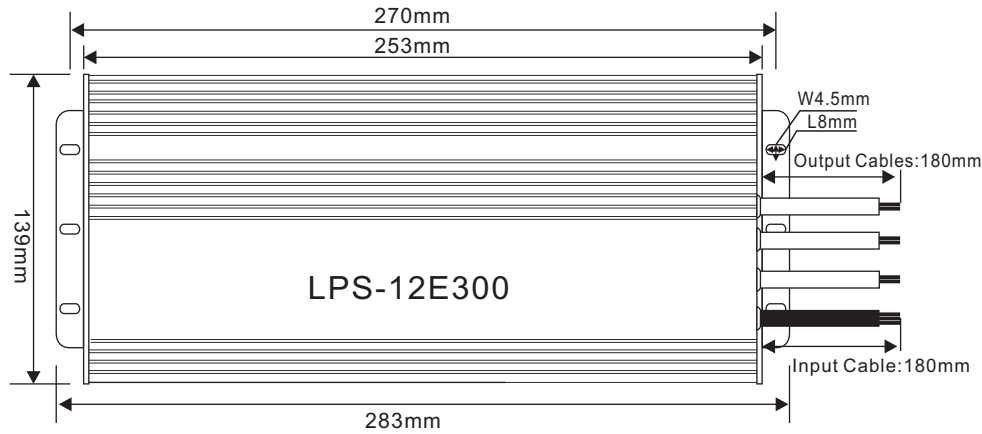
- Constant voltage output
- Protections: Short circuit / Over load
- Cooling by free air convection
- External driver for LED module, strip flex ribbon, spot light, down washer, panel light, ext.....
- CE & LVD tested, suitable for indoor or outdoor LED application with low electro-magnetic disturbance requirement
- Seamless aluminum housing, fully sealed and waterproof
- 100% full load burn-in test

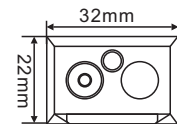
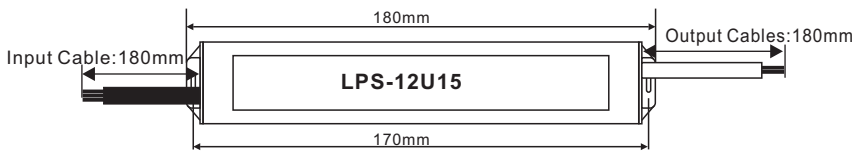
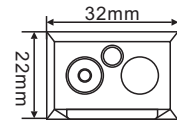
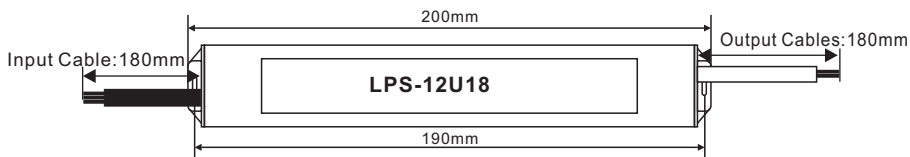
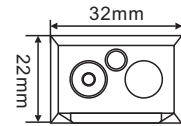
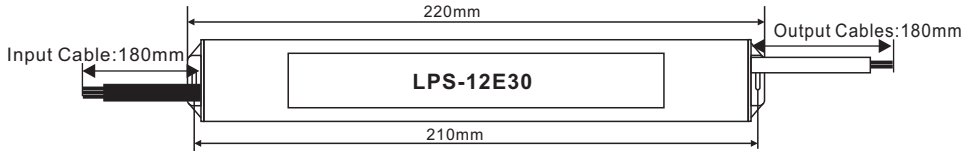
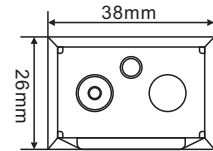
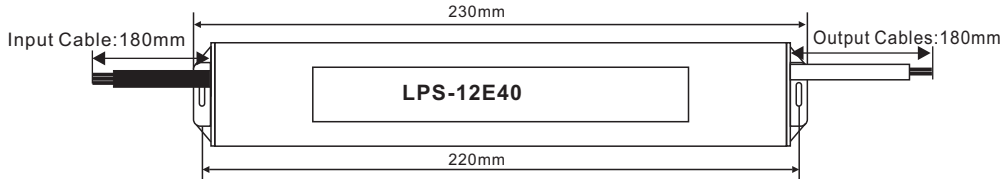
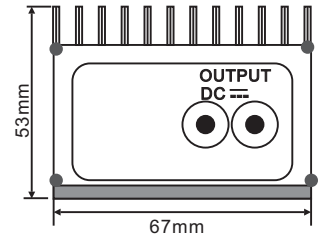
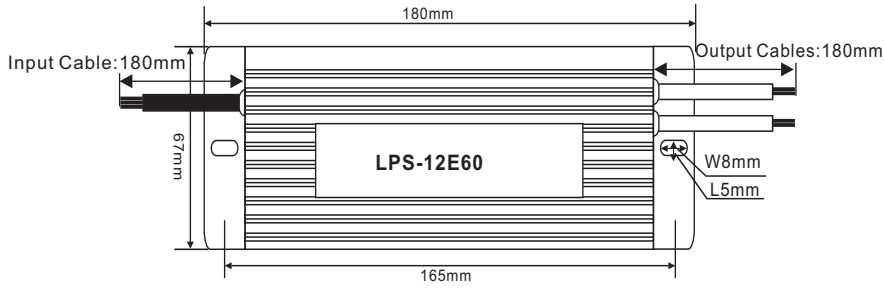
■ Specification:

SELV **IP67 CE**

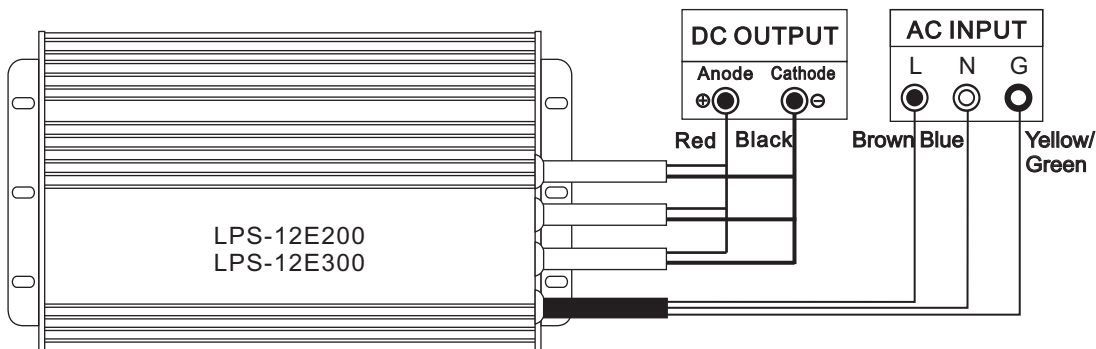
MODEL		LPS-12U15	LPS-12U18	LPS-12E30	LPS-12E40	LPS-12E60	LPS-12E100	LPS-12E150	LPS-12E200	LPS-12E300
OUTPUT	DC Output	12V								
	Output Current	1.25A	1.5A	2.5A	3.4A	5A	8.4A	12.5A	16.7A	25A
	Voltage Tolerance	5%								
	Rated Power	15W Max.	18W Max.	30W Max.	40W Max.	60W Max.	100W Max.	150W Max.	200W Max.	300W Max.
	Ripple Noise	200mV P-P								
	Setup Rise Time	1000mS/220V								
INPUT	Input Voltage	110V ~ 250V			220V 15%					
	Frequency Range	47 ~ 63Hz								
	Efficiency	78%	78%	82%	83%	84%	84%	85%	85%	84%
	AC Current @ 220VAC	≤0.15A	≤0.18A	≤0.28A	≤0.37A	≤0.54A	≤0.9A	≤1.3A	≤1.8A	≤2.7A
	AC inrush current(max.)	46A@230VAC								
PROTECTION	Over Load	105%-120% rated power , Protection Type:auto-recovery ,after fault condition is removed								
	Short Circuit	Protection Type:recovery automatically after fault condition is removed								
ENVIRONMENT	Operating Temperature	-25°C ~ +40°C								
	Operating Humidity	5% ~ 95%								
	Storage Temperature	-35°C ~ +65°C								
SAFETY & EMC	EMC	EN 55015 : 2006+A2 : 2009 ; EN 61547 : 2009 ; EN 61000-3-2 : 2006+A2 : 2009 ; EN 61000-3-3 : 2008								
	Withstand Voltage	I/P-FG:1.5KV AC I/P-O/P:3.0KV AC								
OTHERS	Dimension(mm)	180x32x22	200x32x22	220x32x22	230x38x26	180x67x53	240x67x53	210x132x65	233x139x68	283x139x68
	Packing Dimension(mm)	410x245x170			340x280x285	390x315x125	325x275x195	430x275x210	430x275x210	430x340x190
	Packing Weight(Kg)	50PCS/11.5	50PCS/12.5	50PCS/15.5	50PCS/20.5	10PCS/9.5	10PCS/11.5	5PCS/12.5	5PCS/17	5PCS/18.5

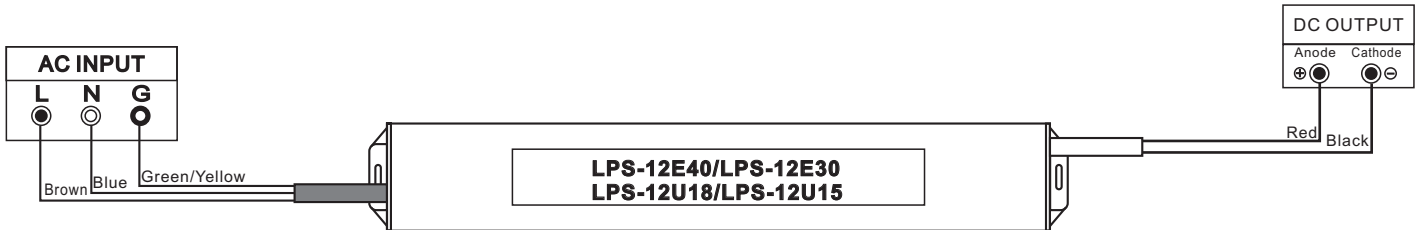
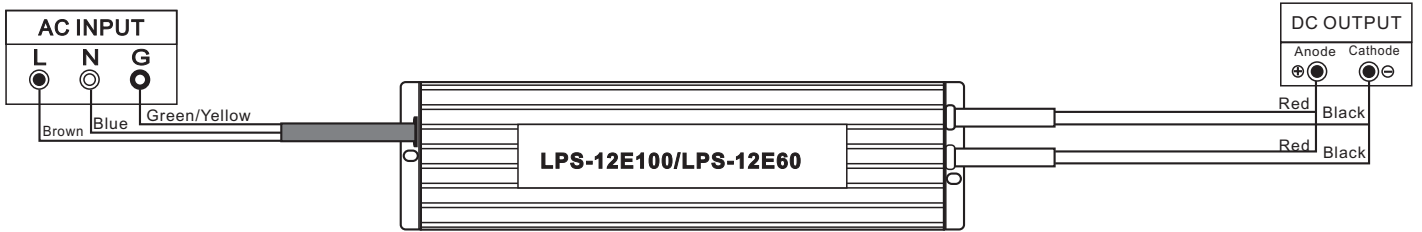
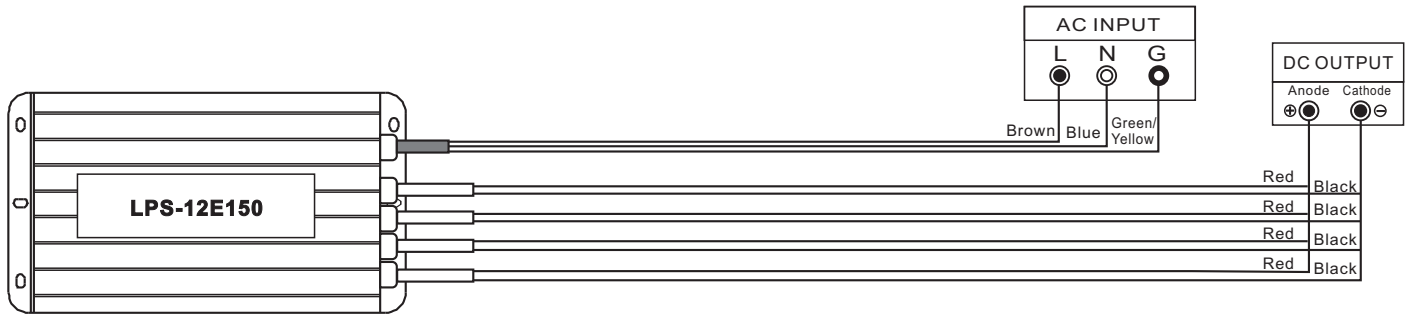
■ Dimension:



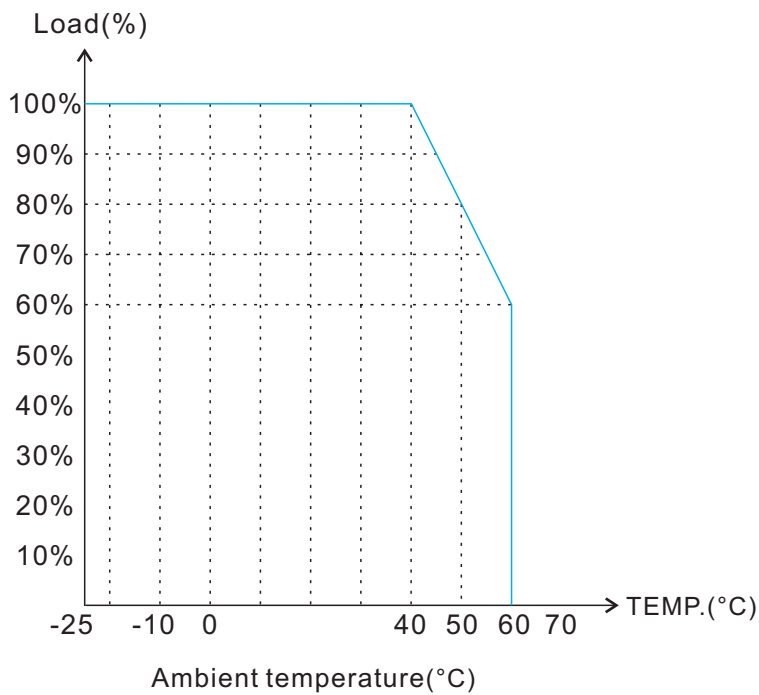


■ Wiring Diagram:



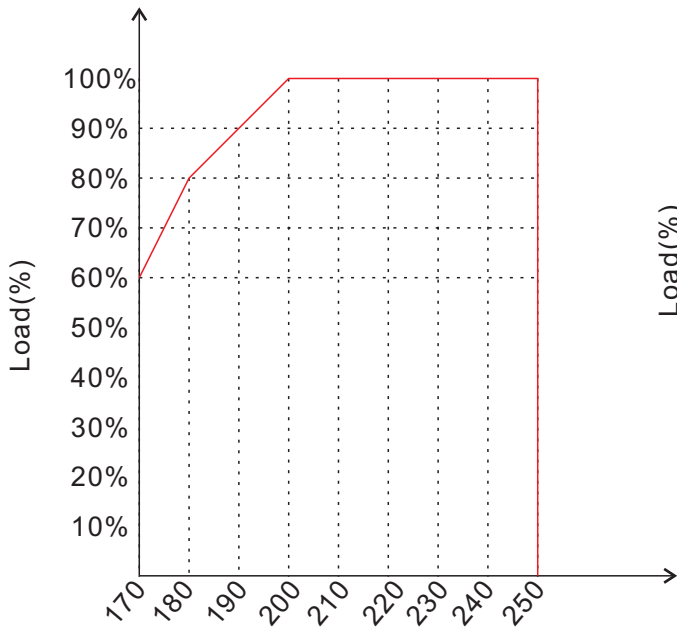


■ Derating Curve:

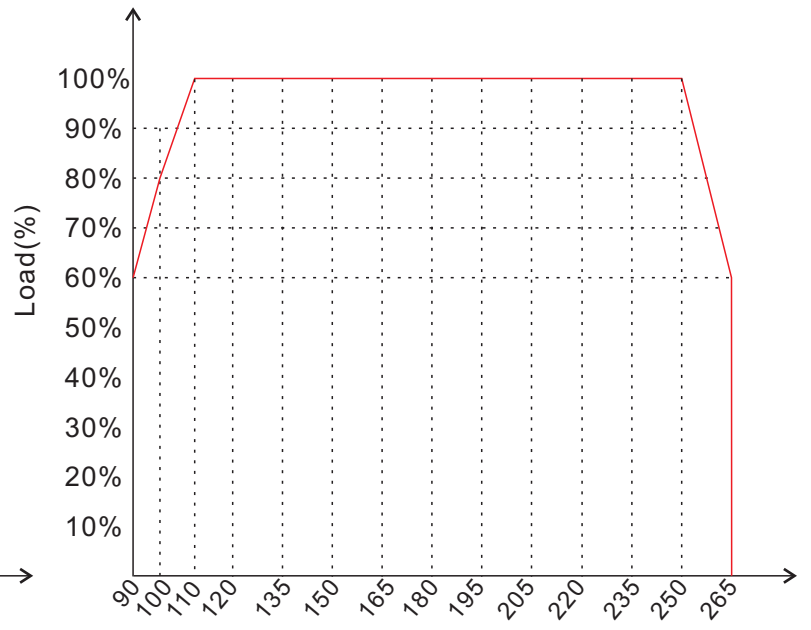


***NOTE: Start-up possible for 220VAC**

■ Static Characteristic Curve:



(a)



(b)

Input voltage(V)

*NOTE: The (a) suitable for LPS-12E30---LPS-12E300, (b) suitable for LPS-12U15 and LPS-12U18.