■ Features：

·Output constant voltage
·Range: 200-240VAC
·Built-in active PFC function Power Factor: up to 0.96
·Efficiency up to 88%
·Dimming range: 0-100%
·Load: 10-100%
·Protection: short circuit/over loading/ Over temperature
·PWM output, does not change the color index
·Full protection plastic case, IP20 for indoor installation
·No Flicker
·Compatible with leading edge and trailing edge TRIAC dimmers
·Cooling by free air convection
·Suitable for LED lighting and moving sign applications

IP20 SELV

■ Specification

Model		6603260, KVF-24100-TDHS
Output	DC Voltage	24V
	Voltage Tolerance	±0.5V
	Voltage Regulation	± 0.5%
	Rated current	4.17A
	Rated power	100W
	Load Regulation	±2%
Input	Voltage Range	200-240VAC
	Frequency Range	47 - 63Hz
	Power Factor @ full load	PF≥0.96/230VAC
	THD (Typ.) @ full load	<10%
	Efficiency (Typ.) @ full load	88%
	AC Current (Max.)	0.59A/200VAC
	Inrush Current (Typ.)	52A, 50% 210us@230VAC
	Leakage current	<0.5mA
Protection	Short Circuit	shut down o/p voltage, re-power on to recover after fault condition removed
	Overload	≤120% constant current limiting, auto-recovery
	Over temperature	100℃±10℃
	Protection Class	II
Environment	Working Temp.	-40~+60℃ (see below derating curve)
	Working Humidity	20 - 90%RH, non-condensing
	Storage Temp, Humidity	-40 - +80℃,10 - 95%RH
	Temp. coefficient	±0.03%/℃(0 - 50℃)
	Vibration	10~500Hz, 2G 10min./1 cycle, period for 60min. each along X,Y,Z axes
Safety & EMC	Safety standards	EN61347-1 EN61347-2-13 EN62493
	Withstand voltage	I/P-O/P:3.75KVAC
	Isolation resistance	I/P-O/P: 100MΩ/500VDC/25℃/70%RH

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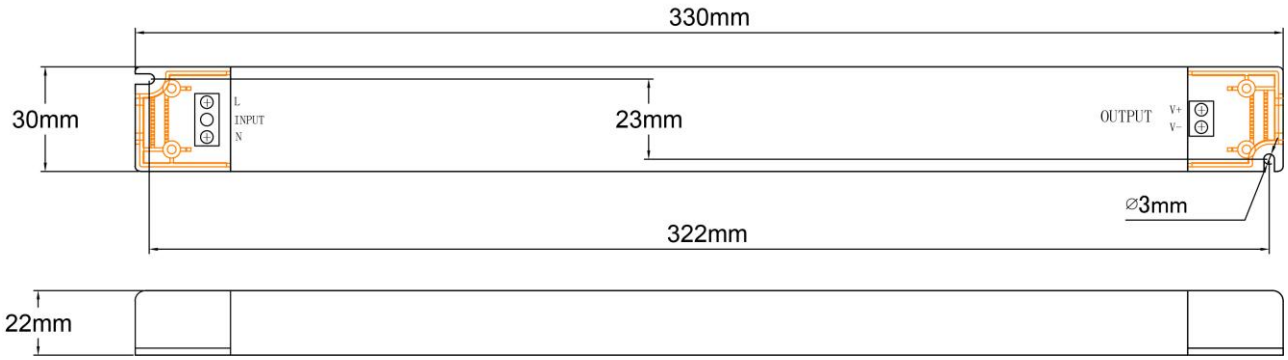
	EMC Emission	EN55015 EN61000-3-2 EN61000-3-3
	EMC Immunity	EN61000-4-2,3,4,5,6,11 EN61547
Others	Net Weight	0.4Kg
	Dimension	330*30*22mm(L*W*H)
	packing	30pcs /CTN SIZE: 350X330X145mm
Notes	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25℃of ambient temperature. 2. Tolerance: includes set up tolerance, line regulation and load regulation. 3. The power supply is considered as a component that will be operated in combination with final Equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must be-qualify EMC Directive on the complete installation again.	

■



※ Input terminals: (L) and (N) to connect to L and N of Mains AC

※Output terminals: "Red" (+) to LED Positive side (+), "Black"(-) to LED Negative side (-).

※Suggested wire diameter: Input 0.75--2.5mm^2; Output 0.5-2.5mm^2

※Please make sure to connect these correctly otherwise your product will not function correctly and could be damaged.

※Note: Any other requests we can customized.

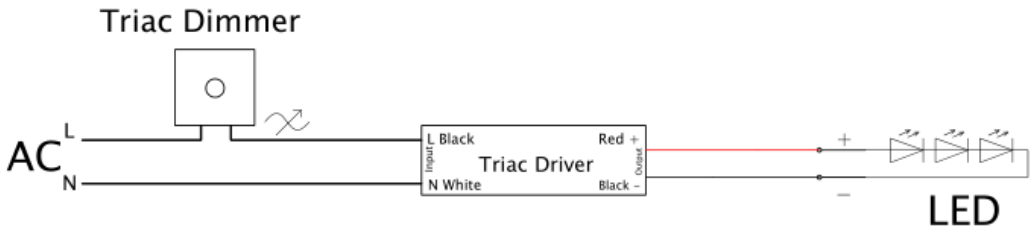
■Dimming Operation

※The Pulse-Width Modulation (PWM) of output voltage can be adjusted through input terminal of the AC phase line(L) by connection a phase/triac dimmer.

※Usually matching with leading edge and trial edge Triac Dimmers both;

※Please try to use dimmers with power at least 1.5 times as the output power of the driver.

■ Connecting Diagram



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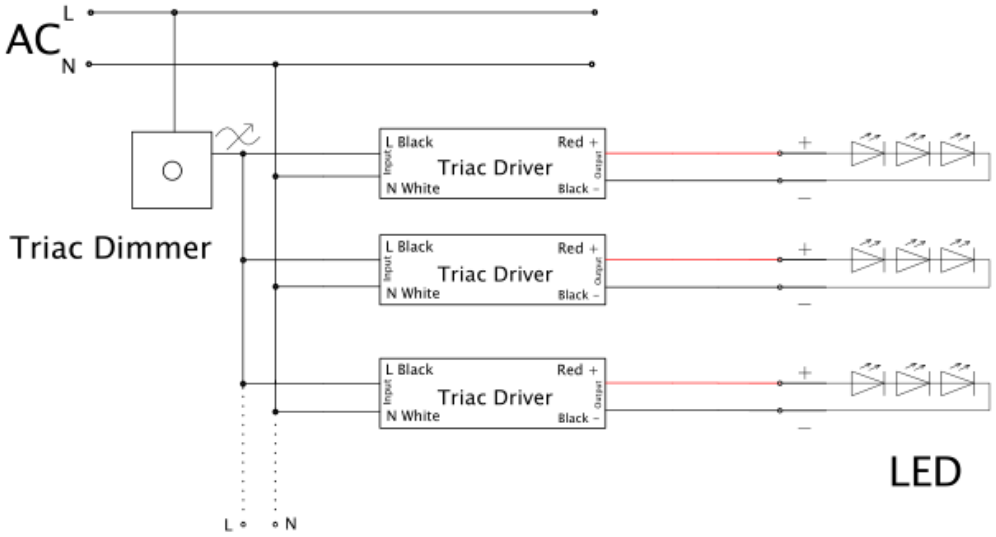
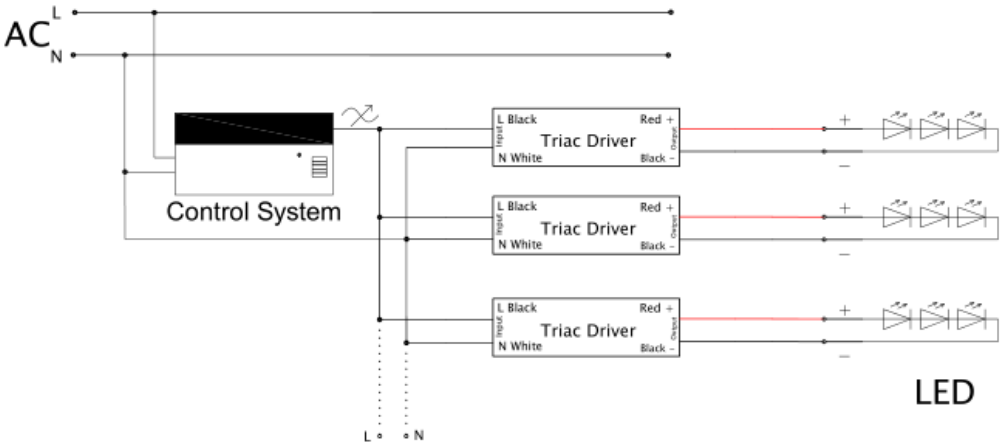
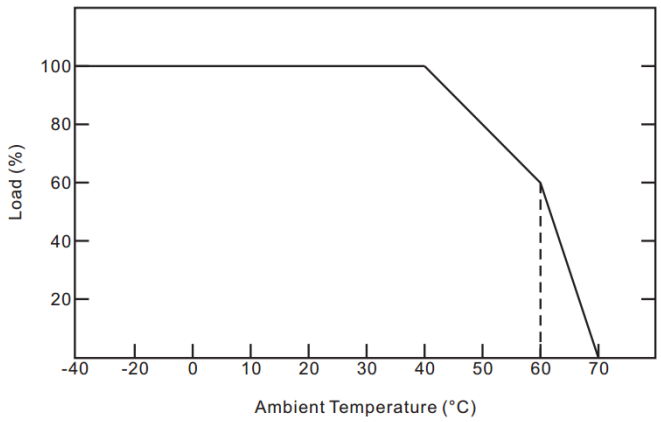




■ Derating Curve



※To extend their life, please refer to the Derating Curve and derate according to the temperature.

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■ Instruction:

1) This driver should be installed by qualified and professional person;
2) Please make sure the driver is installed with adequate ventilation around it to allow for heat dissipation.
3) Ensure that wiring is correct before test in order to avoid light and power supply damage;
4) If driver Cannot work normally, don’t maintain privately.

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