

HYRITE®



12V / 24V
100W ~ 400W

PARALLEL CONNECTION CAPABILITY

LED driver catalog - **TLG series (parallel) & TL series (ultra-slim)**

HYRITE ultra-thin (18 mm) outdoor with **PARALLEL** connection option and **(IP68) waterproof** LED power supply.

Thanks to the built-in special circuits, the new HYRITE TLG series stands out from traditional LED power supplies:

- **Parallel connection option:** HYRITE Parallel power supplies with the same voltage [V] can be connected in parallel with each other, regardless of the power [W] of each power supply. The power of the voltage source thus obtained will be the sum [W] of the powers of the connected power supplies.*
- The thickness of only **18 mm** makes installation easier, reduces dark areas and allows them to be widely used, even in small spaces.
- **IP68** protection: completely waterproof, works permanently even under water
- **Aluminum** cover
- **Protection against short circuit, overvoltage and overheating**
- Power supply unit for operating 12/24 volt devices.
- Also for **professional** applications
- **3+2 year warranty.**



Features

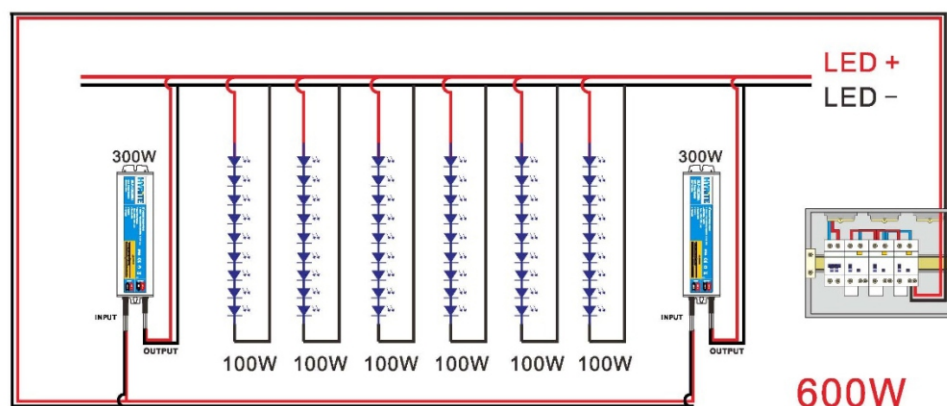
- Parallel connection
- High efficiency, environmental protection and energy saving.
- Integrated aluminium shell with ultra-thin and compact size.
- Comply with CE certification.
- IP68 waterproof, suitable for indoor or outdoor using.
- Protection types: short circuit, over load, over temperature, overvoltage.

IP68 **CE** **SELV**      **CCS-220778-EA**

Applications

- LED module, strip, perforal lamp, pixel lamp, light bar, light box, wall washer, panel light, etc ...
- Specially for application with narrow space, such as cove light, lightbox, channel letter ...

Parallel connection wiring

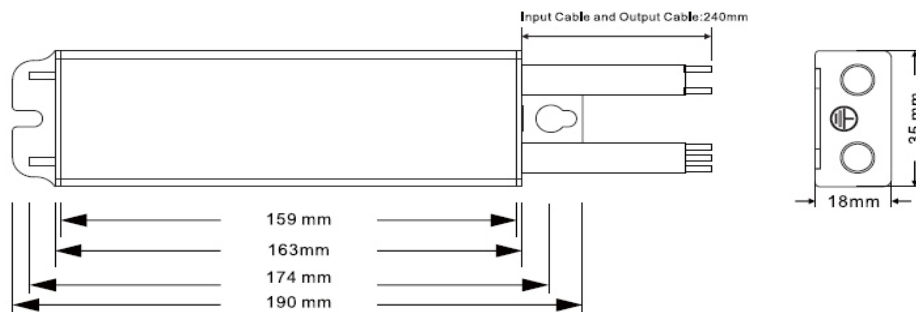


TLG-E20C series



	TLG-12E20C	TLG-24E20C
Input voltage	90~264 V AC	
Frequency range	50~60Hz	
Efficiency	85%	
AC current	<0.26A@230VAC	
Over load	95%-120% rated power	
DC output	12V	24V
Output power	1.67A	0.83A
Rated power	20W(Max.)	
Operating temperature	-25°C~+50°C	
Net weight	0.21kg	
Case material	Aluminium	
Warranty	3 + 2 years	

Technical drawing

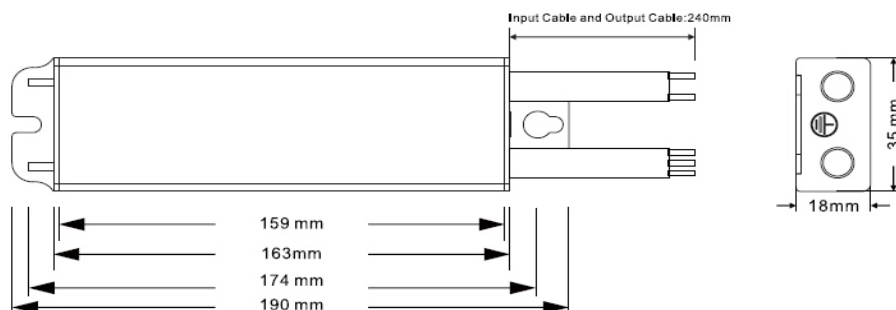


TLG-E30C series



	TLG-12E30C	TLG-24E30C
Input voltage	90~264 V AC	
Frequency range	50~60Hz	
Efficiency	86%	
AC current	<0.35A@230VAC	
Over load	95%-120% rated power	
DC output	12V	24V
Output power	2.5A	1.25A
Rated power	30W(Max.)	
Operating temperature	-25°C~+50°C	
Net weight	0.21kg	
Case material	Aluminium	
Warranty	3 + 2 years	

Technical drawing

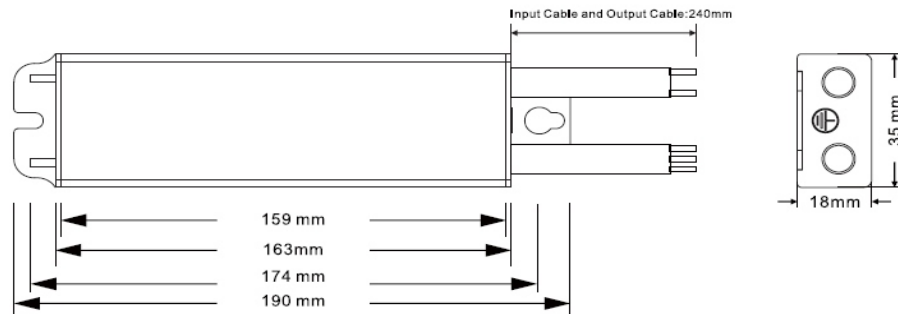


TLG-E40C series



	TLG-12E40C	TLG-24E40C
Input voltage	90~264 V AC	
Frequency range	50~60Hz	
Efficiency	87%	
AC current	<0.5A@230VAC	
Over load	95%-120% rated power	
DC output	12V	24V
Output power	3.3A	1.67A
Rated power	96W(Max.)	
Operating temperature	-25°C~+50°C	
Net weight	0.21kg	
Case material	Aluminium	
Warranty	3 + 2 years	

Technical drawing

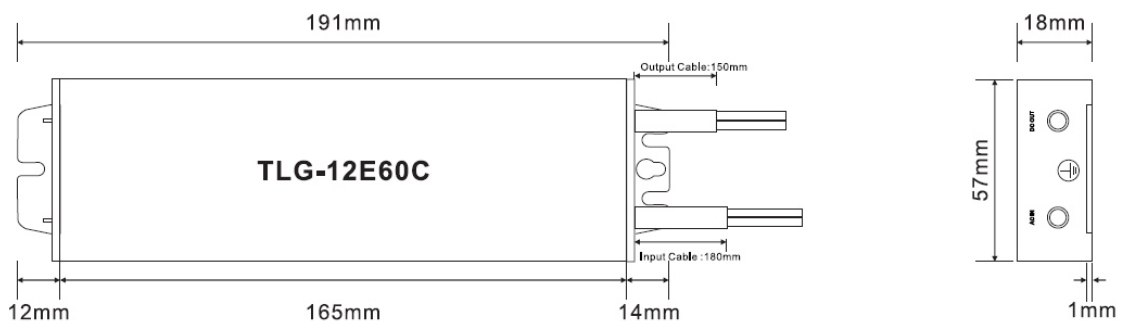


TLG-E60C series



	TLG-12E60C	TLG-24E60C
Input voltage	180~264 V AC	
Frequency range	47~63Hz	
Efficiency	87%	
AC current	<0.25A@230VAC	
Over load	95%-120% rated power	
DC output	12V	24V
Output power	5A	2.5A
Rated power	60W(Max.)	
Operating temperature	-25°C~+60°C	
Net weight	0.36kg	
Case material	Aluminium	
Warranty	3 + 2 years	

Technical drawing

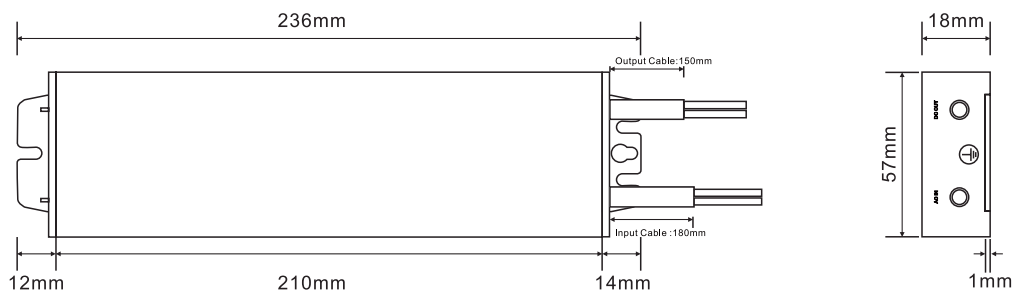


TLG-E100C series



	TLG-12E100C	TLG-24E100C
Input voltage	180~264 V AC	
Frequency range	47~63Hz	
Efficiency	88%	
AC current	<1.13A@230VAC	
Over load	95%-120% rated power	
DC output	12V	24V
Output power	8.0A	4.0A
Rated power	96W(Max.)	
Operating temperature	-25°C~+60°C	
Net weight	0.43kg	
Case material	Aluminium	
Warranty	3 + 2 years	

Technical drawing

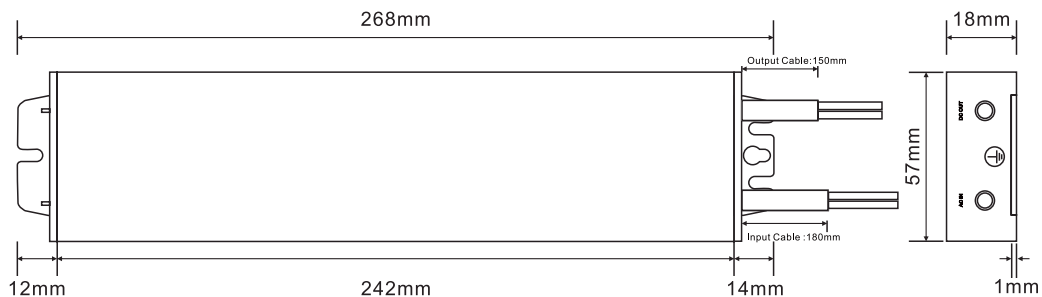


TLG-E150C series



	TLG-12E150C	TLG-24E150C
Input voltage	180~264 V AC	
Frequency range	47~63Hz	
Efficiency	90%	
AC current	<1.66A@230VAC	
Over load	95%-120% rated power	
DC output	12V	24V
Output power	12.5A	6.25A
Rated power	150W(Max.)	
Operating temperature	-25°C~+60°C	
Net weight	0.5kg	
Case material	Aluminium	
Warranty	3 + 2 years	

Technical drawing

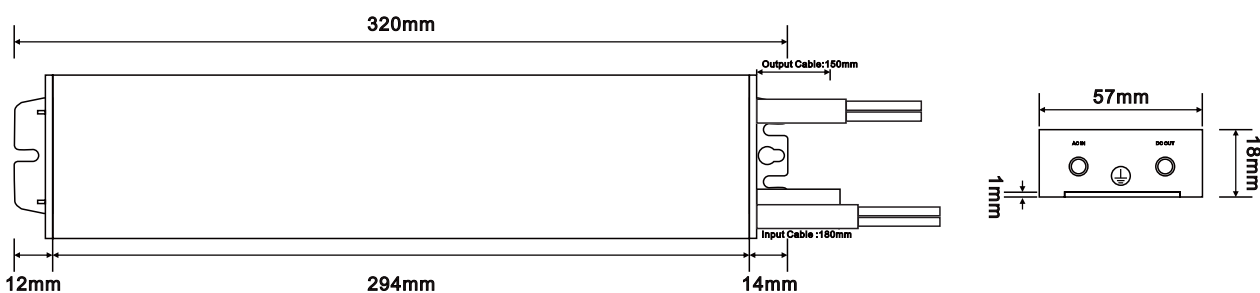


TLG-E240C series



	TLG-12E240C	TLG-24E240C
Input voltage	180~264 V AC	
Frequency range	47~63Hz	
Efficiency	90%	
AC current	<2.5A@230VAC	
Over load	95%-120% rated power	
DC output	12V	24V
Output power	20.0A	10.0A
Rated power	240W(Max.)	
Operating temperature	-35°C~+65°C	
Net weight	0.6kg	
Case material	Aluminium	
Warranty	3 + 2 years	

Technical drawing

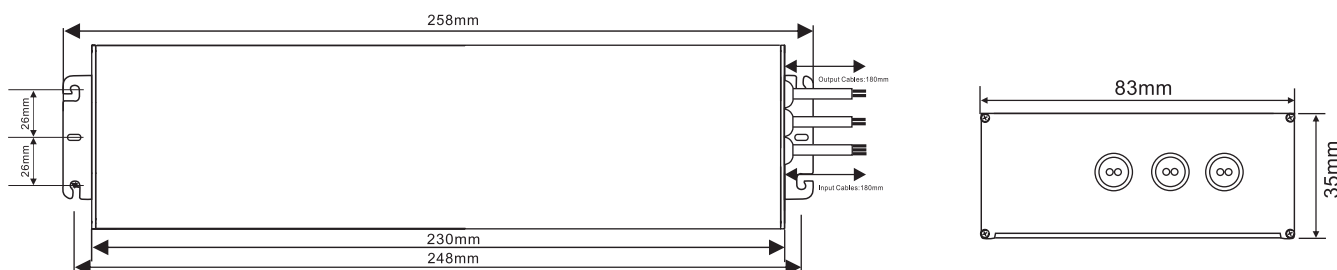


TLG-E300C series



	TLG-12E300C	TLG-24E300C
Input voltage	180~264 V AC	
Frequency range	50/60Hz	
Efficiency	90%	
AC current	<3.1A@230VAC	
Over load	95%-120% rated power	
DC output	12V	24V
Output power	25.0A	12.5A
Rated power	300W(Max.)	
Operating temperature	-25°C~+60°C	
Net weight	1.63kg	1.3kg
Case material	Aluminium	
Warranty	3 + 2 years	

Technical drawing

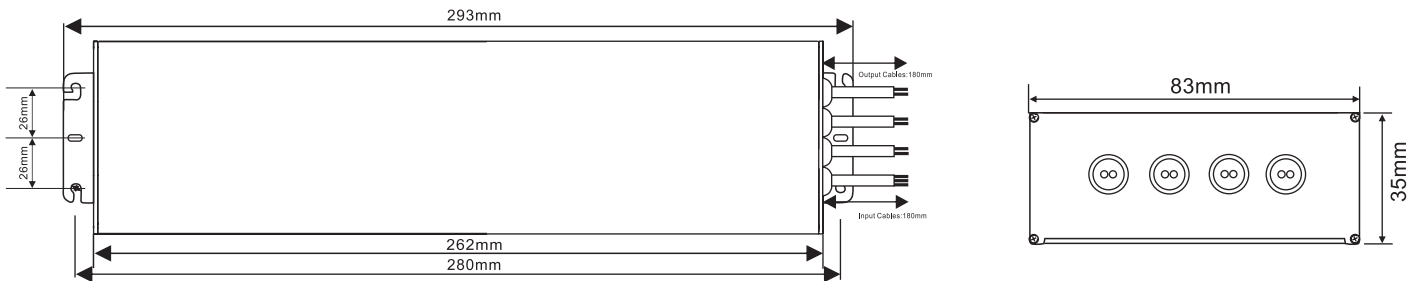


TLG-E400C series



	TLG-12E400C	TLG-24E400C
Input voltage	180~264 V AC	
Frequency range	50/60Hz	
Efficiency	90%	
AC current	<4.9A@230VAC	
Over load	95%-120% rated power	
DC output	12V	24V
Output power	33.33A	16.67A
Rated power	400W(Max.)	
Operating temperature	-35°C~+65°C	
Net weight	1.48kg	
Case material	Aluminium	
Warranty	3 + 2 years	

Technical drawing



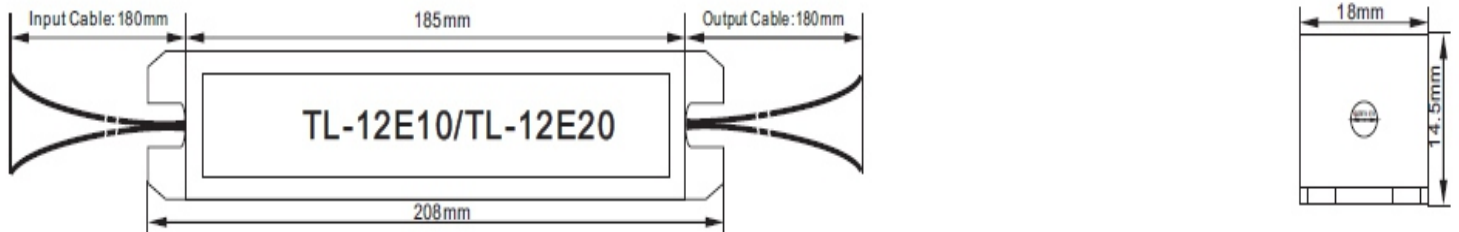
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TL-E20 series



	TL-12E20	TL-24E20
Input voltage	180~250 V AC	
Frequency range	50~60Hz	
Efficiency	80%	
AC current	<0.17A@230VAC	
Over load	105%-120% rated power	
DC output	12V	24V
Output power	1.67A	0.83A
Rated power	20W(Max.)	
Operating temperature	-25°C~+40°C	
Net weight	0.06kg	
Case material	Aluminium	
Warranty	3 + 2 years	

Technical drawing

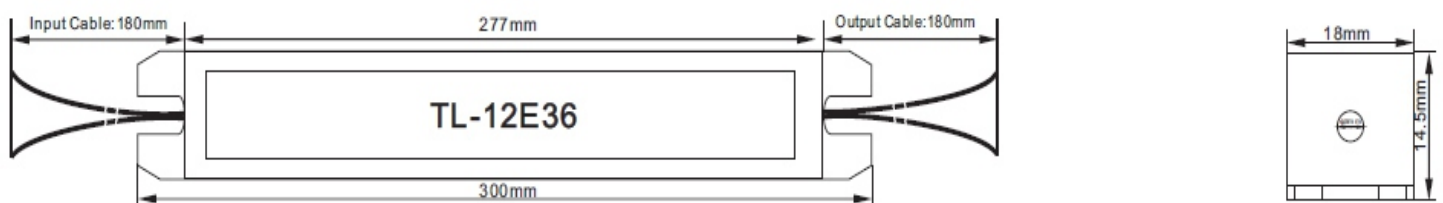


TL-E36 series



	TL-12E36	TL-24E36
Input voltage	180~250 V AC	
Frequency range	50~60Hz	
Efficiency	80%	
AC current	<0.4A@230VAC	
Over load	105%-120% rated power	
DC output	12V	24V
Output power	3A	1.5A
Rated power	36W(Max.)	
Operating temperature	-25°C~+40°C	
Net weight	0.12kg	
Case material	Aluminium	
Warranty	3 + 2 years	

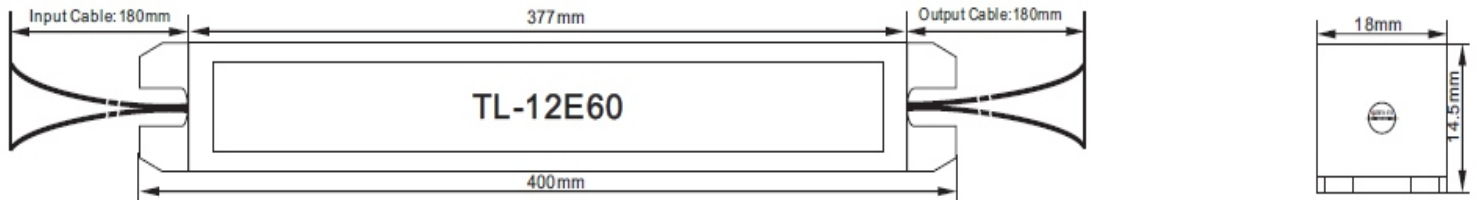
Technical drawing





	TL-12E60	TL-24E60
Input voltage	180~250 V AC	
Frequency range	50~60Hz	
Efficiency	80%	
AC current	<0.65A@230VAC	
Over load	105%-120% rated power	
DC output	12V	24V
Output power	5A	2.5A
Rated power	60W(Max.)	
Operating temperature	-35°C~+65°C	
Net weight	0.14kg	
Case material	Aluminium	
Warranty	3 + 2 years	

Technical drawing



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