



Connect with LED driver  
PLC (Power Line) High speed & Reliability  
Auto scan / Auto connect  
Support 0-10V dimming  
IP67 Rating

- Built-in PLC power line module, automatically networking, long distance, low wattage consumption, huge nodes connectivity & hi-trustable reliability.
- Co-work with GTW-73X Gateway, to perform lamp monitoring and remote control/ hardware control, e.g. Electricity data report, faulty report, on/off, 0%~100% dimming.
- Voltage ,current , wattage, P.F, working temp. metering. Accuracy to 2%
- Data synchronization ability.
- 0-10V dimming interface, support 0~100% linear dimming to LED driver.
- Edge-Computing & auto execution ability, can store off-line command, network clock auto calibration & sunrise/sunset calculation.
- Support OTA
- NEMA socket is no longer required on the lamp, traditional lamp is also suitable.
- Max. load 500W.
- 5 Years Warranty

AC Input	100V~240V	Short circuit protection	YES
Rated Voltage	220Vac	Over heat protection	YES
Frequency	47Hz~63Hz	IP Rating	IP67
Max. Load	500W	MTBF	>=200K hrs.
Max. current	4A	Working Temp.	-40C~60C
Self consumption	<2W	Storage Temp.	-40C~85C
PLC Frequency	50Khz~500Khz	Packaging (L*W*H)	112x68x40(mm)
Dimming output	0-10V @27mA	Weight	0.5kg
Metering Accuracy	<2%	Case Max. Temp.	80C
Harmony	<10%	Safety	CE,CB,FCC
Over Load protection	YES	EMC	EN55015.EN55022

- Faulty Report

Type	Condition	Action	Memo
Over Temp.	$>95^{\circ}\text{C}\pm 2^{\circ}\text{C}$	Auto report, shut down, auto recover after fault removed.	Temp. $\rightarrow$ inside the case.
Low Temp.	$<-25^{\circ}\text{C}\pm 2^{\circ}\text{C}$	Auto report, shut down, auto recover after fault removed.	Temp. $\rightarrow$ inside the case.
Open circuit	Wattage $<5\text{W}\pm 1\text{W}$	Auto report when $<5\text{W}$ , no shut down, auto recover after fault removed.	
Wattage too high	$>520\text{W}\pm 5\text{W}$ or $>4.2\text{A}\pm 200\text{mA}$	Auto report, shut down, auto recover after fault removed.	
Over voltage	$>285\text{V}\pm 3\text{V}$	Auto report, shut down, auto recover after fault removed.	
Low Voltage	$<95\text{V}\pm 3\text{V}$	Auto report, shut down, auto recover after fault removed.	

- Smart function

	Function
Dimming	Via PLC to output 0-10V or PWM signal , dimming range 0%~100% · accuracy $<2\%$
Electricity metering	Report electricity data via PLC to Gateway · Include : input voltage · input current · wattage · P.F and inner temp., accuracy to 2%
Faulty Report	Report sensor detection values ,include: Temp., short circuit · open circuit · over voltage · low voltage · normal · dimming