

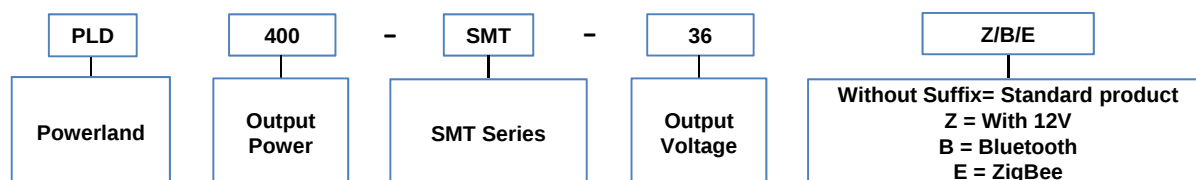
Powerland's ICE-305 Programmable Series 400W LED Drivers offers digital programmable drivers with wide-range adjustable output current, together with 12V/250mA auxiliary output (optional) for smart lighting.

The output current of this series are programmable, and designed for 0(0.05)-10V/PWM/Rset/Clock/DMX (upon request) ultra-deep dimming applications. Bluetooth and ZigBee dimming are provided in B and E versions, respectively.

Applications

- Outdoor & indoor LED lights
- LED lights with flexible current settings
- Parking lights and architecture decoration lights
- LED horticulture lights
- LED fishing lights
- Wireless dimming lights

Model Name Definition



Specifications

Model	Max. Output Power	Input Voltage	Output Voltage Range	Max. Output Current	Efficiency	Max. Case Temperature	THD	Power Factor	Dimensions
PLD400-SMT-36(Z/B/E)	400W	108~305Vac	24~36V	11.1A	96.5%	90°C	<20%	>0.95	240x123x54mm
PLD400-SMT-42(Z/B/E)	400W	108~305Vac	27~42V	9.5A	96.5%	90°C	<20%	>0.95	240x123x54mm
PLD400-SMT-48(Z/B/E)	400W	108~305Vac	32~48V	8.3A	96.5%	90°C	<20%	>0.95	240x123x54mm
PLD400-SMT-54(Z/B/E)	400W	108~305Vac	36~54V	7.4A	96.5%	90°C	<20%	>0.95	240x123x54mm
PLD400-SMT-58(Z/B/E)	400W	108~305Vac	40~58.8V	6.8A	96.5%	90°C	<20%	>0.95	240x123x54mm
PLDC-CSCA	Powerland LED drivers programmer (accessory)								

* Based on 25°C ambient temperature, rated input voltage, and full load.

Features

- Ultra-deep dimming down to 0.5%, compatible with DMX (upon request)
- Universal input voltage: 108~305Vac
- 12V/250mA auxiliary output (optional)
- Constant current & constant voltage output
- Output current & output voltage programmable
- Compatible with 0(0.05)-10V, PWM, external resistor, clock, DMX (upon request) dimming
- Support wireless dimming (Bluetooth or ZigBee protocol)
- Support isolated 12V auxiliary power output & dimming (optional)
- > 70,000 hours lifetime at 75°C Tcase
- > 7 years warranty at 75°C Tcase
- Min. operating temperature @ -40°C
- Safety according to UL8750 & EN61347-2-13
- Surge voltage rating: L-N 5.5kV, L/N-Earth 11kV
- EMC according to FCC Part 15 Class A
- Lightning, OVP, SCP, OTP & Open Circuit Protection



Electrical Specifications

Model	PLD400-SMT-36(Z/B/E)	PLD400-SMT-42(Z/B/E)	PLD400-SMT-48(Z/B/E)	PLD400-SMT-54(Z/B/E)	PLD400-SMT-58(Z/B/E)
Output Voltage Range	24~36V	27~42V	32~48V	36~54V	40~58.8V
Current Programmable	Yes	Yes	Yes	Yes	Yes
Max Output Current	11.1A	9.5A	8.3A	7.4A	6.8A
Output AUX Power Voltage (Optional)	12V	12V	12V	12V	12V
Output AUX Power Current (Optional)	0-250mA	0-250mA	0-250mA	0-250mA	0-250mA
Dimming	0(0.05)~10V, PWM, External Resistor, Clock, DMX (upon request)				
Wireless Dimming	B Version: Bluetooth; E Version: ZigBee				
Output Power	400W	400W	400W	400W	400W
Max. Current Ripple	± 5%	± 5%	± 5%	± 5%	± 5%
Max. Voltage Ripple	250mVp-p	250mVp-p	250mVp-p	350mVp-p	350mVp-p
Input Voltage Range	108~305Vac	108~305Vac	108~305Vac	108~305Vac	108~305Vac
Frequency Range	47~63Hz	47~63Hz	47~63Hz	47~63Hz	47~63Hz
Max. Input Current	4.35A	4.35A	4.35A	4.35A	4.35A
Max. Input Power	460W	460W	460W	460W	460W
Power Factor	>0.95 @ 120Vac & 80~100% full load, >0.90 @ 277Vac & 80~100% full load				
Efficiency	96.5%	96.5%	96.5%	96.5%	96.5%
Max. Open Circuit Voltage	39V	48V	51V	61.8V	61.8V
THD	<10% @ 120Vac & 80~100% full load, <15% @ 284Vac & 80~100% full load				
Protections	OVP, OCP, SCP, OTP & Open Circuit Protection				
Environmental Protection	UL Dry & Damp & Wet				
Working Temperature	-40~+70°C				
Max. Case Temperature	90°C				
Surge Protection	L-N 5.5kV, L/N-Earth 11kV				
ANSI Surge Type	1.2/50µs Combination Wave (w/t 2Ω)				
Agency Approbations	UL8750 & EN61347-2-13				
Electromagnetic Compliance	Per Title 47 CFR Part 15 Class A				
Isolation (Primary to Secondary)	3750Vac / 10mA _{Max} / 60seconds				
Isolation (Primary to Earth)	1875Vac / 10mA _{Max} / 60seconds				
Isolation (Secondary to Earth)	1150Vac / 10mA _{Max} / 60seconds				
Case Type	Aluminum				
Dimension	240x123x54mm				
Mounting Length	251mm				
Overall Length	270mm				
Weight	2.92kg				
Life Time	>70,000 hours @ full load, 75°C T _{case}				

* Unless otherwise noted, the data are based on 25°C ambient temperature, 230Vac input voltage, and full load.

Powerland's ICE-305 Programmable Series 500W LED Drivers offers digital programmable drivers with wide-range adjustable output current, together with 12V/250mA auxiliary output (optional) for smart lighting.

The output current of this series are programmable, and designed for 0(0.05)-10V/PWM/Rset/Clock/DMX (upon request) ultra-deep dimming applications. Bluetooth and ZigBee dimming are provided in B and E versions, respectively.

Applications

- Outdoor & indoor LED lights
- LED lights with flexible current settings
- Parking lights and architecture decoration lights
- LED horticulture lights
- LED fishing lights
- Wireless dimming lights

Model Name Definition



Specifications

Model	Max. Output Power	Input Voltage	Output Voltage Range	Max. Output Current	Efficiency	Max. Case Temperature	THD	Power Factor	Dimensions
PLD500-SMT-36(Z/B/E)	500W	108~305Vac	24~36V	13.8A	96.5%	90°C	<20%	>0.95	240x123x54mm
PLD500-SMT-42(Z/B/E)	500W	108~305Vac	27~42V	11.9A	96.5%	90°C	<20%	>0.95	240x123x54mm
PLD500-SMT-48(Z/B/E)	500W	108~305Vac	32~48V	10.4A	96.5%	90°C	<20%	>0.95	240x123x54mm
PLD500-SMT-54(Z/B/E)	500W	108~305Vac	36~54V	9.3A	96.5%	90°C	<20%	>0.95	240x123x54mm
PLD500-SMT-58(Z/B/E)	500W	108~305Vac	40~58.8V	8.5A	96.5%	90°C	<20%	>0.95	240x123x54mm
PLDC-CSCA	Powerland LED drivers programmer (accessory)								

* Based on 25°C ambient temperature, rated input voltage, and full load.

Features

- Ultra-deep dimming down to 0.5%, compatible with DMX (upon request)
- Universal input voltage: 108~305Vac
- 12V/250mA auxiliary output (optional)
- Constant current & constant voltage output
- Output current & output voltage programmable
- Compatible with 0(0.05)-10V, PWM, external resistor, clock, DMX (upon request) dimming
- Support wireless dimming (Bluetooth or ZigBee protocol)
- Support isolated 12V auxiliary power output & dimming (optional)
- > 70,000 hours lifetime at 75°C Tcase
- > 7 years warranty at 75°C Tcase
- Min. operating temperature @ -40°C
- Safety according to UL8750 & EN61347-2-13
- Surge voltage rating: L-N 5.5kV, L/N-Earth 11kV
- EMC according to FCC Part 15 Class A
- Lightning, OVP, SCP, OTP & Open Circuit Protection



Electrical Specifications

Model	PLD500-SMT-36(Z/B/E)	PLD500-SMT-42(Z/B/E)	PLD500-SMT-48(Z/B/E)	PLD500-SMT-54(Z/B/E)	PLD500-SMT-58(Z/B/E)
Output Voltage Range	24~36V	27~42V	32~48V	36~54V	40~58.8V
Current Programmable	Yes	Yes	Yes	Yes	Yes
Max Output Current	13.8A	11.9A	10.4A	9.3A	8.5A
Output AUX Power Voltage (Optional)	12V	12V	12V	12V	12V
Output AUX Power Current (Optional)	0-250mA	0-250mA	0-250mA	0-250mA	0-250mA
Dimming	0(0.05)~10V, PWM, External Resistor, Clock, DMX (upon request)				
Wireless Dimming	B Version: Bluetooth; E Version: ZigBee				
Output Power	500W	500W	500W	500W	500W
Max. Current Ripple	± 5%	± 5%	± 5%	± 5%	± 5%
Max. Voltage Ripple	250mVp-p	250mVp-p	250mVp-p	350mVp-p	350mVp-p
Input Voltage Range	108~305Vac	108~305Vac	108~305Vac	108~305Vac	108~305Vac
Frequency Range	47~63Hz	47~63Hz	47~63Hz	47~63Hz	47~63Hz
Max. Input Current	5.5A	5.5A	5.5A	5.5A	5.5A
Max. Input Power	570W	570W	570W	570W	570W
Power Factor	>0.95 @ 120Vac & 80~100% full load, >0.90 @ 277Vac & 80~100% full load				
Efficiency	96.5%	96.5%	96.5%	96.5%	96.5%
Max. Open Circuit Voltage	39V	48V	51V	61.8V	61.8V
THD	<10% @ 120Vac & 80~100% full load, <15% @ 284Vac & 80~100% full load				
Protections	OVP, OCP, SCP, OTP & Open Circuit Protection				
Environmental Protection	UL Dry & Damp & Wet				
Working Temperature	-40~+70°C				
Max. Case Temperature	90°C				
Surge Protection	L-N 5.5kV, L/N-Earth 11kV				
ANSI Surge Type	1.2/50µs Combination Wave (w/t 2Ω)				
Agency Approbations	UL8750 & EN61347-2-13				
Electromagnetic Compliance	Per Title 47 CFR Part 15 Class A				
Isolation (Primary to Secondary)	3750Vac / 10mA _{Max} / 60seconds				
Isolation (Primary to Earth)	1875Vac / 10mA _{Max} / 60seconds				
Isolation (Secondary to Earth)	1150Vac / 10mA _{Max} / 60seconds				
Case Type	Aluminum				
Dimension	240x123x54mm				
Mounting Length	251mm				
Overall Length	270mm				
Weight	2.92kg				
Life Time	>70,000 hours @ full load, 75°C T _{case}				

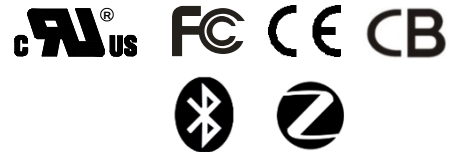
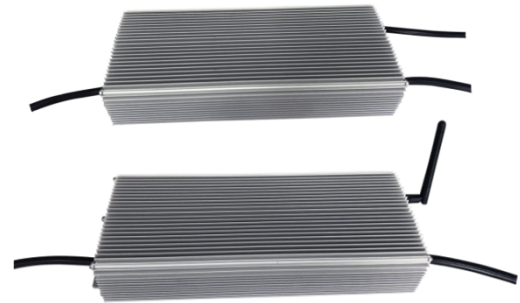
* Unless otherwise noted, the data are based on 25°C ambient temperature, 230Vac input voltage, and full load.

Powerland's ICE-305 Programmable Series 600W LED Drivers offers digital programmable drivers with wide-range adjustable output current, together with 12V/250mA auxiliary output (optional) for smart lighting.

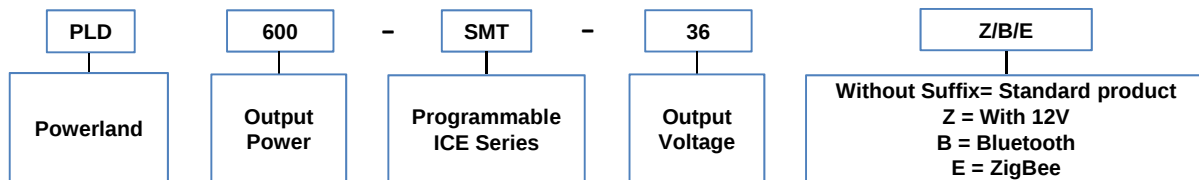
The output current of this series are programmable, and designed for 0(0.05)-10V/PWM/Rset/Clock/DMX (upon request) ultra-deep dimming applications. Bluetooth and ZigBee dimming are provided in B and E versions, respectively.

Applications

- Outdoor & indoor LED lights
- LED lights with flexible current settings
- Parking lights and architecture decoration lights
- LED horticulture lights
- LED fishing lights
- Wireless dimming lights



Model Name Definition



Specifications

Model	Max. Output Power	Input Voltage	Output Voltage Range	Max. Output Current	Efficiency	Max. Case Temperature	THD	Power Factor	Dimensions
PLD600-SMT-36(Z/B/E)	600W	108~305Vac	24~36V	16.7A	95%	90°C	<20%	>0.95	280x123x54mm
PLD600-SMT-42(Z/B/E)	600W	108~305Vac	27~42V	14.3A	95%	90°C	<20%	>0.95	280x123x54mm
PLD600-SMT-48(Z/B/E)	600W	108~305Vac	32~48V	12.5A	95%	90°C	<20%	>0.95	280x123x54mm
PLD600-SMT-54(Z/B/E)	600W	108~305Vac	36~54V	11.1A	95%	90°C	<20%	>0.95	280x123x54mm
PLD600-SMT-58(Z/B/E)	600W	108~305Vac	40~58.8V	10.2A	95%	90°C	<20%	>0.95	280x123x54mm
PLDC-CSCA	Powerland LED drivers programmer (accessory)								

* Based on 25°C ambient temperature, rated input voltage, and full load.

Features

- Ultra-deep dimming down to 0.5%, compatible with DMX (upon request)
- Universal input voltage: 108~305Vac
- 12V/250mA auxiliary output (optional)
- Constant current & constant voltage output
- Output current & output voltage programmable
- Compatible with 0(0.05)-10V, PWM, external resistor, clock, DMX (upon request) dimming
- Support wireless dimming (Bluetooth or ZigBee protocol)
- Support isolated 12V auxiliary power output & dimming (optional)
- > 70,000 hours lifetime at 75°C Tcase
- > 7 years warranty at 75°C Tcase
- Min. operating temperature @ -40°C
- Safety according to UL8750 & EN61347-2-13
- Surge voltage rating: L-N 5.5kV, L/N-Earth 11kV
- EMC according to FCC Part 15 Class A
- Lightning, OVP, SCP, OTP & Open Circuit Protection

Electrical Specifications

Model	PLD600-SMT-36(Z/B/E)	PLD600-SMT-42(Z/B/E)	PLD600-SMT-48(Z/B/E)	PLD600-SMT-54(Z/B/E)	PLD600-SMT-58(Z/B/E)
Output Voltage Range	24~36V	27~42V	32~48V	36~54V	40~58.8V
Current Programmable	Yes	Yes	Yes	Yes	Yes
Max Output Current	16.7A	14.3A	12.5A	11.1A	10.2A
Output AUX Power Voltage (Optional)	12V	12V	12V	12V	12V
Output AUX Power Current (Optional)	0-250mA	0-250mA	0-250mA	0-250mA	0-250mA
Dimming	0(0.05)~10V, PWM, External Resistor, Clock, DMX (upon request)				
Wireless Dimming	B Version: Bluetooth; E Version: ZigBee				
Output Power	600W	600W	600W	600W	600W
Max. Current Ripple	± 5%	± 5%	± 5%	± 5%	± 5%
Max. Voltage Ripple	250mVp-p	250mVp-p	250mVp-p	350mVp-p	350mVp-p
Input Voltage Range	108~305Vac	108~305Vac	108~305Vac	108~305Vac	108~305Vac
Frequency Range	47~63Hz	47~63Hz	47~63Hz	47~63Hz	47~63Hz
Max. Input Current	6.5A	6.5A	6.5A	6.5A	6.5A
Max. Input Power	680W	680W	680W	680W	680W
Power Factor	>0.95 @ 120Vac & 80~100% full load, >0.90 @ 277Vac & 80~100% full load				
Efficiency	95%	95%	95%	95%	95%
Max. Open Circuit Voltage	39V	48V	51V	61.8V	61.8V
THD	<10% @ 120Vac & 80~100% full load, <15% @ 284Vac & 80~100% full load				
Protections	OVP, OCP, SCP, OTP & Open Circuit Protection				
Environmental Protection	UL Dry & Damp & Wet				
Working Temperature	-40~+70°C				
Max. Case Temperature	90°C				
Surge Protection	L-N 5.5kV, L/N-Earth 11kV				
ANSI Surge Type	1.2/50µs Combination Wave (w/t 2Ω)				
Agency Approbations	UL8750 & EN61347-2-13				
Electromagnetic Compliance	Per Title 47 CFR Part 15 Class A				
Isolation (Primary to Secondary)	3750Vac / 10mA _{Max} / 60seconds				
Isolation (Primary to Earth)	1875Vac / 10mA _{Max} / 60seconds				
Isolation (Secondary to Earth)	1150Vac / 10mA _{Max} / 60seconds				
Case Type	Aluminum				
Dimension	280x123x54mm				
Mounting Length	290mm				
Overall Length	306mm				
Weight	3.56kg				
Life Time	>70,000 hours @ full load, 75°C T _{case}				

* Unless otherwise noted, the data are based on 25°C ambient temperature, 230Vac input voltage, and full load.

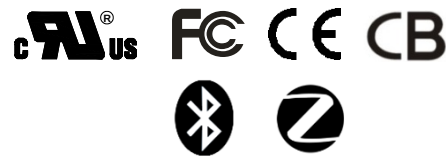
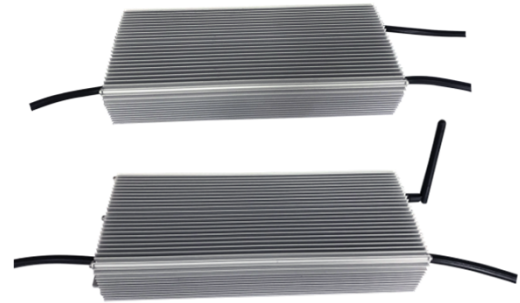
Powerland's ICE-305 Programmable Series

720W LED Drivers offers digital programmable drivers with wide-range adjustable output current, together with 12V/250mA auxiliary output (optional) for smart lighting.

The output current of this series are programmable, and designed for 0(0.05)-10V/PWM/Rset/Clock/DMX (upon request) ultra-deep dimming applications. Bluetooth and ZigBee dimming are provided in B and E versions, respectively.

Applications

- Outdoor & indoor LED lights
- LED lights with flexible current settings
- Parking lights and architecture decoration lights
- LED horticulture lights
- LED fishing lights
- Wireless dimming lights



Model Name Definition



Specifications

Model	Max. Output Power	Input Voltage	Output Voltage Range	Max. Output Current	Efficiency	Max. Case Temperature	THD	Power Factor	Dimensions
PLD720-SMT-36(Z/B/E)	720W	108~305Vac	24~36V	20A	95%	90°C	<20%	>0.95	280x123x54mm
PLD720-SMT-42(Z/B/E)	720W	108~305Vac	27~42V	17.2A	95%	90°C	<20%	>0.95	280x123x54mm
PLD720-SMT-48(Z/B/E)	720W	108~305Vac	32~48V	15A	95%	90°C	<20%	>0.95	280x123x54mm
PLD720-SMT-54(Z/B/E)	720W	108~305Vac	36~54V	13.3A	95%	90°C	<20%	>0.95	280x123x54mm
PLD720-SMT-58(Z/B/E)	720W	108~305Vac	40~58.8V	12.2A	95%	90°C	<20%	>0.95	280x123x54mm
PLDC-CSCA	Powerland LED drivers programmer (accessory)								

* Based on 25°C ambient temperature, rated input voltage, and full load.

Features

- Ultra-deep dimming down to 0.5%, compatible with DMX (upon request)
- Universal input voltage: 108~305Vac
- 12V/250mA auxiliary output (optional)
- Constant current & constant voltage output
- Output current & output voltage programmable
- Compatible with 0(0.05)-10V, PWM, external resistor, clock, DMX (upon request) dimming
- Support wireless dimming (Bluetooth or ZigBee protocol)
- Support isolated 12V auxiliary power output & dimming (optional)
- > 70,000 hours lifetime at 75°C Tcase
- > 7 years warranty at 75°C Tcase
- Min. operating temperature @ -40°C
- Safety according to UL8750 & EN61347-2-13
- Surge voltage rating: L-N 5.5kV, L/N-Earth 11kV
- EMC according to FCC Part 15 Class A
- Lightning, OVP, SCP, OTP & Open Circuit Protection

Electrical Specifications

Model	PLD720-SMT-36(Z/B/E)	PLD720-SMT-42(Z/B/E)	PLD720-SMT-48(Z/B/E)	PLD720-SMT-54(Z/B/E)	PLD720-SMT-58(Z/B/E)
Output Voltage Range	24~36V	27~42V	32~48V	36~54V	40~58.8V
Current Programmable	Yes	Yes	Yes	Yes	Yes
Max Output Current	20A	17.2A	15A	13.3A	12.2A
Output AUX Power Voltage (Optional)	12V	12V	12V	12V	12V
Output AUX Power Current (Optional)	0-250mA	0-250mA	0-250mA	0-250mA	0-250mA
Dimming	0(0.05)~10V, PWM, External Resistor, Clock, DMX (upon request)				
Wireless Dimming	B Version: Bluetooth; E Version: ZigBee				
Output Power	720W	720W	720W	720W	720W
Max. Current Ripple	±5%	±5%	±5%	±5%	±5%
Max. Voltage Ripple	250mVp-p	250mVp-p	250mVp-p	350mVp-p	350mVp-p
Input Voltage Range	108~305Vac	108~305Vac	108~305Vac	108~305Vac	108~305Vac
Frequency Range	47~63Hz	47~63Hz	47~63Hz	47~63Hz	47~63Hz
Max. Input Current	7.8A	7.8A	7.8A	7.8A	7.8A
Max. Input Power	820W	820W	820W	820W	820W
Power Factor	>0.95 @ 120Vac & 80~100% full load, >0.90 @ 277Vac & 80~100% full load				
Efficiency	95%	95%	95%	95%	95%
Max. Open Circuit Voltage	39V	49V	51V	61.8V	61.8V
THD	<10% @ 120Vac & 80~100% full load, <15% @ 284Vac & 80~100% full load				
Protections	OVP, OCP, SCP, OTP & Open Circuit Protection				
Environmental Protection	UL Dry & Damp & Wet				
Working Temperature	-40~+70°C				
Max. Case Temperature	90°C				
Surge Protection	L-N 5.5kV, L/N-Earth 11kV				
ANSI Surge Type	1.2/50µs Combination Wave (w/t 2Ω)				
Agency Approbations	UL8750 & EN61347-2-13				
Electromagnetic Compliance	Per Title 47 CFR Part 15 Class A				
Isolation (Primary to Secondary)	3750Vac / 10mA _{Max} / 60seconds				
Isolation (Primary to Earth)	1875Vac / 10mA _{Max} / 60seconds				
Isolation (Secondary to Earth)	1150Vac / 10mA _{Max} / 60seconds				
Case Type	Aluminum				
Dimension	280x123x54mm				
Mounting Length	290mm				
Overall Length	306mm				
Weight	3.56kg				
Life Time	>70,000 hours @ full load, 75°C T _{case}				

* Unless otherwise noted, the data are based on 25°C ambient temperature, 230Vac input voltage, and full load.

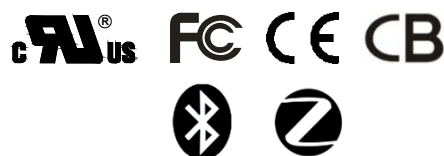
Powerland's 1700W Programmable series offers digital programmable drivers with wide-range adjustable output current, together with 12V/100mA auxiliary output (optional) for smart lighting.

The output current of this series are programmable, and designed for 0(0.05)-10V/PWM/Rset/Clock/DMX (upon request) ultra-deep dimming applications. Bluetooth and ZigBee dimming are provided in B and Z versions, respectively.



Applications

- Outdoor & indoor LED lights
- LED lights with flexible current settings
- Parking lights and architecture decoration lights
- LED horticulture lights
- LED fishing lights
- Wireless dimming lights



Specifications

Model	Max. Output Power	Input Voltage	Output Voltage Range	Max. Output Current	Efficiency	Max. Case Temperature	THD	Power Factor	Dimensions
PLD1700-SMT-36(B/Z)	1700W	176~305Vac	24~36V	47.2A	94.5%	90°C	<20%	>0.95	280x286.2x54mm
PLD1700-SMT-42(B/Z)	1700W	176~305Vac	27~42V	40.5A	94.5%	90°C	<20%	>0.95	280x286.2x54mm
PLD1700-SMT-48(B/Z)	1700W	176~305Vac	32~48V	35.4A	94.5%	90°C	<20%	>0.95	280x286.2x54mm
PLD1700-SMT-54(B/Z)	1700W	176~305Vac	36~54V	31.5A	95%	90°C	<20%	>0.95	280x286.2x54mm
PLD1700-SMT-58(B/Z)	1700W	176~305Vac	40~58.8V	28.9A	95%	90°C	<20%	>0.95	280x286.2x54mm

* Based on 25°C ambient temperature, rated input voltage, and full load.

** Refer to the next page for detailed specifications for this series of LED drivers.

Features

- Ultra-deep dimming down to 0.5%, compatible with DMX (upon request)
- Universal input voltage: 176~305Vac
- 12V/100mA auxiliary output (optional)
- Constant current & constant voltage output
- Output current & output voltage programmable
- Compatible with 0(0.05)-10V, PWM, external resistor, clock, DMX (upon request) dimming
- Support wireless dimming (Bluetooth or ZigBee protocol)
- > 70,000 hours lifetime at 75°C Tcase
- > 7 years warranty at 75°C Tcase
- Min. operating temperature @ -40°C
- Safety according to UL8750 & EN61347-2-13
- Surge voltage rating: L-N 5.5kV, L/N-Earth 11kV
- EMC according to FCC Part 15 Class A
- Lightning, OVP, SCP, OTP & Open Circuit Protection

Electrical Specifications

Model	PLD1700-SMT-36(B/Z)	PLD1700-SMT-42(B/Z)	PLD1700-SMT-48(B/Z)	PLD1700-SMT-54(B/Z)	PLD1700-SMT-58(B/Z)
Output Voltage	24~36V	27~42V	32~48V	36~54V	40~58.8V
Current Programmable	Yes	Yes	Yes	Yes	Yes
Max Output Current	47.2A	40.5A	35.4A	31.5A	28.9A
Output AUX Power Voltage (Optional)	12V	12V	12V	12V	12V
Output AUX Power Current (Optional)	0-100mA	0-100mA	0-100mA	0-100mA	0-100mA
Dimming	0(0.05)~10V, PWM, External Resistor, Clock, DMX				
Wireless Dimming	B Version: Bluetooth; Z Version: ZigBee				
Output Power	1700W	1700W	1700W	1700W	1700W
Max. Current Ripple	± 5%	± 5%	± 5%	± 5%	± 5%
Max. Voltage Ripple	250mVp-p	250mVp-p	250mVp-p	350mVp-p	350mVp-p
Voltage Range	176~305Vac	176~305Vac	176~305Vac	176~305Vac	176~305Vac
Frequency Range	47~63Hz	47~63Hz	47~63Hz	47~63Hz	47~63Hz
Max. Input Current	13A	13A	13A	13A	13A
Max. Input Power	2219W	2219W	2219W	2219W	2219W
Power Factor	>0.95 @ 230Vac & 80~100% full load, >0.90 @ 277Vac & 80~100% full load				
Efficiency	94.5%	94.5%	94.5%	95.0%	95.0%
Max. Open Circuit Voltage	39V	49V	51V	61.8V	61.8V
THD	<20% @ 277Vac & 80~100% full load				
Protections	OVP, OCP, SCP, OTP & Open Circuit Protection				
Environmental Protection	UL Dry & Damp & Wet				
Working Temperature	-40~+60°C (50~60°C derating to 80% load)				
Max. Case Temperature	90°C				
Surge Protection	L-N 5.5kV, L/N-Earth 11kV (For a single prototype test)				
ANSI Surge Type	1.2/50µs Combination Wave (w/t 2Ω) (for a single prototype test)				
Agency Approbations	UL8750 & EN61347-2-13				
Electromagnetic Compliance	Per Title 47 CFR Part 15 Class A (for a single prototype test)				
Isolation (Primary to Secondary)	3750Vac / 10mAMax / 60seconds (for a single prototype test)				
Isolation (Primary to Earth)	1875Vac / 10mAMax / 60seconds (for a single prototype test)				
Isolation (Secondary to Earth)	500Vac / 10mAMax / 60seconds (for a single prototype test)				
Case Type	Metal				
Dimension	280x286.2x54 mm				
Mounting Length	290 mm				
Overall Length	306 mm				
Weight	3.96 kg				
Life Time	>70,000 hours @ full load, 75°C Tcase				

* Unless otherwise noted, the data are based on 25°C ambient temperature, 230Vac input voltage, and full load.