

# CONSTANT VOLTAGE

New dimming drivers are compatible with most wall dimmers for 10-100% light control. For non-dimming applications or for use with AL-PWM-6A, use LED-DR series constant voltage drivers.

## 12V DC Dimming Plug-in



**PS-12-12VPI-T** 3-12W (non-dimming), 4-12W (dimming applications)

12V DC constant voltage plug-in driver, Class 2  
100-120V AC, 60Hz input via 6ft power cord with rocker switch  
6ft lead with terminal block, triac compatible (only), c/UL/us Listed for dry locations  
Replace power cord with supply wire via built-in terminal block for hardwire applications  
4-11/16"L x 2-3/8"W x 11/16"H

## 12V DC Non-Dimming Plug-in



**PS-36-12VPI 8-36W** (non-dimming)

**PS-60-12VPI 12-60W** (non-dimming)

12V DC constant voltage plug-in driver  
120V AC input via 6ft 18AWG power cord with 3-prong grounded plug 5ft  
18AWG lead wire with DC jack, c/UL/us Listed for dry locations  
4-3/4"L x 1-1/2"W x 2-5/16"H

**PS-96-12VPI 20-96W** (non-dimming)

12V DC, constant voltage plug-in driver  
5.5 foot 18AWG lead wire with DC jack, 5.5 foot 18AWG power cord with  
120V AC input via 3-prong grounded plug; c/UL/us Listed for dry locations  
6-3/4"L x 2-3/4"W x 1-5/16"H

## 12C DC Dimming Hardwire



**ELV-30-12 3-30W** (non-dimming), 18-30W (dimming applications)

**ELV-45-12 3-45W** (non-dimming) 27-45W (dimming applications)

12V DC constant voltage hardwire driver, Class 2, RoHS compliant  
100-130V AC, 50/60Hz input via built-in terminal block with strain relief screw-down cover  
Forward phase / reverse phase / triac compatible  
c/ETL/us Listed for dry locations  
7-1/16"L x 2-3/8"W x 1-3/8"H



**ELV-60J-12 3-60W** (non-dimming), 36-60W (dimming applications)

**ELV-80J-12 3-80W** (non-dimming), 48-80W (dimming applications)

12V DC constant voltage hardwire driver inside metal housing with three 1/2"  
knockouts on both the primary and the secondary ends, Class 2, RoHS compliant  
100-130V AC, 50/60Hz input via 5" long 18AWG 3C conductors  
Forward phase / reverse phase / triac compatible  
c/ETL/us Listed for wet locations, must be mounted higher than 1ft off the ground  
13-3/4"L x 3-1/16"W x 2-5/16"H

## 12V DC Non-Dimming Hardwire



**LED-DR30-12 6-30W** (non-dimming), 1-27W (PWM dimming)

12V DC constant voltage hardwire driver, Class 2, RoHS compliant  
100-240AC 50/60Hz input via built-in terminal block with strain relief screw-down cover  
If used with AL-PWM-6A (see page 208), the dimmer will consume ±3W internally  
c/UR/us Recognized for indoor use only  
6-1/4"L x 1-3/4"W x 1-3/16"H



**LED-DR60-12 12-60W** (non-dimming), 1-57W (PWM dimming)

12V DC constant voltage hardwire driver, Class 2, RoHS compliant  
100-240AC 50/60Hz input via 22" 18AWG conductors  
If used with AL-PWM-6A (see page 208), the dimmer will consume ±3W internally  
c/UR/us Recognized for dry and damp locations, 7-13/16"L x 1-3/4"W x 1-5/8"H  
Galvanized steel wiring enclosure (ENCL-11) sold separately, 11-1/2"L x 1-7/8"W x 1-3/4"H

12V DC Non-Dimming Hardwire (continued)  




**LED-DR100-12** 20-100W (non-dimming) 1-97W (PWM dimming)  
12V DC constant voltage hardwire driver, RoHS compliant  
100-240AC 50/60Hz input via 11" 18AWG conductors  
If used with AL-PWM-6A (see page 208), the dimmer will consume ±3W internally and will require a repeater for loads greater than 6A (72W at 12V)  
7-5/8"L x 2-1/8"W x 1-1/2"H



**LED-DR150-12 30-150W** (non-dimming) 1-147W (PWM dimming)  
12V DC constant voltage hardwire driver, RoHS compliant  
100-240AC 50/60Hz input via 10" 18AWG SJTW conductors  
If used with AL-PWM-6A (see page 208), the dimmer will consume ±3W internally and will require a repeater for loads greater than 6A (72W at 12V)  
c/UR/us Recognized for wet or dry locations, 9"L x 2-5/8"W x 1-1/2"H



**PS-25-12 5-25W** (non-dimming), 1-22W (PWM dimming); 4"L x 3-7/8"W x 1-7/16"H  
**PS-60-12 12-60W** (non-dimming), 1-57W (PWM dimming); 6-1/4"L x 3-7/8"W x 1-1/2"H  
**PS-100-12 20-100W** (non-dimming), 1-97W (PWM dimming); 7-7/8"L x 3-7/8"W x 1-1/2"H  
**PS-150-12 30-150W** (non-dimming), 1-147W (PWM dimming); 7-7/8"L x 4-7/8"W x 2"H  
12V DC Constant voltage hardwire driver with double output screw-down terminals  
88-264V AC input via screw-down terminals  
Overload/overvoltage/short circuit protection  
c/UR/us Recognized

24V DC Non-Dimming Plug-in 



**PS-40-24VPI** 8-40W (non-dimming)  
**PS-60-24VPI** 12-60W (non-dimming)  
24V constant voltage plug-in driver  
120V AC input via 6ft 18AWG power cord with 3-prong grounded plug 5ft 18AWG lead wire with DC jack, c/UL/us Listed for dry locations  
4-3/4"L x 1-1/2"W x 2-5/16"H

**PS-90-24VPI 18-90W** (non-dimming)  
24V DC, constant voltage plug-in driver  
5.5 foot 18AWG lead wire with DC jack, 5.5 foot 18AWG power cord with 120V AC input via 3-prong grounded plug; c/UL/us Listed for dry locations  
6-3/4"L x 2-3/4"W x 1-5/16"H

24V DC Dimming Hardwire  



**ELV-30-24 3-30W** (non-dimming), 18-30W (dimming applications)  
**ELV-45-24 3-45W** (non-dimming), 27-45W (dimming applications)  
24V DC constant voltage hardwire driver, Class 2, RoHS compliant  
100-130V AC, 50/60Hz input via built-in terminal block with strain relief screw-down cover  
Forward phase / reverse phase / triac compatible  
c/ETL/us Listed for dry locations  
7-1/16"L x 2-3/8"W x 1-3/8"H



**ELV-60J-24 3-60W** (non-dimming), 36-60W (dimming applications)  
**ELV-80J-24 3-80W** (non-dimming), 48-80W (dimming applications)  
24V DC constant voltage hardwire driver inside metal housing with three 1/2" knockouts on both the primary and the secondary ends, Class 2, RoHS compliant  
100-130V AC, 50/60Hz input via 5" long 18AWG 3C conductors  
Forward phase / reverse phase / triac compatible  
c/ETL/us Listed for wet locations, must be mounted higher than 1ft off the ground  
13-3/4"L x 3-1/16"W x 2-5/16"H

24V DC Non-Dimming Hardwire  



**LED-DR30-24** 6-30W (non-dimming), 1-27W (PWM dimming)  
 24V DC constant voltage hardwire driver, Class 2, RoHS compliant  
 100-240AC 50/60Hz input via built-in terminal block with strain relief screw-down cover  
 If used with AL-PWM-6A (see page 208), the dimmer will consume ±3W internally  
 c/UR/us Recognized for indoor use only  
 6-1/4"L x 1-3/4"W x 1-3/16"H



**LED-DR60-24** 12-60W (non-dimming), 1-57W (PWM dimming)  
 24V DC constant voltage hardwire driver, Class 2, RoHS compliant  
 100-240AC 50/60Hz input via 22" 18AWG conductors  
 If used with AL-PWM-6A (see page 208), the dimmer will consume ±3W internally  
 c/UR/us Recognized for dry and damp locations, 7-13/16"L x 1-3/4"W x 1-5/8"H  
 Galvanized steel wiring enclosure (ENCL-11) sold separately, 11-1/2"L x 1-7/8"W x 1-3/4"H



**LED-DR100-24 20-100W** (non-dimming) 1-97W (PWM dimming)  
 24V DC constant voltage hardwire driver, RoHS compliant  
 100-240AC 50/60Hz input via 11" 18AWG conductors  
 If used with AL-PWM-6A (see page 208), the dimmer will consume ±3W internally  
 and will require a repeater for loads greater than 6A (72W at 12V)  
 7-5/8"L x 2-1/8"W x 1-1/2"H



**LED-DR150-24 30-150W** (non-dimming) 1-147W (PWM dimming)  
 24V DC constant voltage hardwire driver, RoHS compliant  
 100-240AC 50/60Hz input via 10" 18AWG SJTW conductors  
 If used with AL-PWM-6A (see page 208), the dimmer will consume ±3W internally and  
 will require a repeater for loads greater than 6A (72W at 12V)  
 c/UR/us Recognized for wet or dry locations, 9"L x 2-5/8"W x 1-1/2"H



**PS-25-24 5-25W** (non-dimming), 1-22W (PWM dimming); 4"L x 3-7/8"W x 1-7/16"H  
**PS-60-24 12-60W** (non-dimming), 1-57W (PWM dimming); 6-1/4"L x 3-7/8"W x 1-1/2"H  
**PS-100-24 20-100W** (non-dimming), 1-97W (PWM dimming); 7-7/8"L x 3-7/8"W x 1-1/2"H  
**PS-150-24 30-150W** (non-dimming), 1-147W (PWM dimming); 7-7/8"L x 4-7/8"W x 2"H  
 24V DC Constant voltage hardwire driver with double output screw-down terminals  
 88-264V AC input via screw-down terminals  
 Overload/overvoltage/short circuit protection  
 c/UR/us Recognized

PWM Dimming



**AL-PWM-6A**  
 Pulse Width Modulation (PWM) White slide dimmer with on/off switch  
 Fits most decorative style trim plates and standard junction boxes  
 12V DC or 24V DC input only, 6A maximum load



**AL-3R-6A**  
 Repeater for PWM slide dimmer with (2) power input terminals  
 and (1) signal input terminal, (3) x 6A output terminals  
 12V DC or 24V DC input only  
 5"L x 2-1/2"W x 1-1/16"H

# CONSTANT CURRENT

Compact and reliable constant current hardwire drivers are for use with constant current, series configuration type products (pages 62-69). Choose between 350mA and 700mA versions for dimming or non-dimming applications.

## 350mA Hardwire



### LED-DR12-350 4-16W capacity

350mA constant current hardwire driver, Class 2, RoHS compliant  
100-240AC, 50/60Hz input; 5" input and output leads  
3-11 LEDs (non-dimming applications)  
c/UR/us Recognized for dry and damp locations  
3-1/2"L x 1-5/8"W x 1-3/16"H



### LED-DR20-350 4-20W capacity

350mA constant current hardwire driver, Class 2, RoHS compliant  
100-240AC, 50/60Hz input; 22" input and output leads  
4-16 LEDs (non-dimming applications)  
c/UR/us Recognized for dry and damp locations  
4-3/4"L x 1-3/8"W x 1"H



### LED-DR18-350D2 4-18W capacity, 3-15W (dimming applications)

350mA constant current hardwire driver, Class 2, RoHS compliant  
120-277AC, 50/60Hz input; 8" input and output leads  
3-12 LEDs (dimming consumes some power internally)  
c/UR/us Recognized for dry and damp locations  
6"L x 1-1/8"W x 1-3/16"H

## 700mA Hardwire



### LED-DR12-700 3-12W capacity

700mA constant current hardwire driver, Class 2, RoHS compliant  
100-240AC, 50/60Hz input; 5" input and output leads  
1-3 LEDs (non-dimming applications)  
c/UR/us Recognized for dry and damp locations  
3-1/2"L x 1-5/8"W x 1-3/16"H



### LED-DR25-700 8-25W capacity

700mA constant current hardwire driver, Class 2, RoHS compliant  
100-240AC, 50/60Hz input; 22" input and output leads  
3-6 LEDs (non-dimming applications)  
c/UR/us Recognized for dry and damp locations  
3-3/8"L x 2-1/4"W x 1-1/8"H



### LED-DR36-700D 3-33W (dimming applications)

700mA constant current hardwire driver, Class 2, RoHS compliant  
120-277AC, 50/60Hz input; 8" input and output leads  
1-10 LEDs (dimming consumes some power internally)  
c/UR/us Recognized for dry and damp locations  
6"L x 1-1/8"W x 1-3/16"H

# ALTERNATING CURRENT

Alternating current power supplies, designed for incandescent loads, are available in electronic hardwire, electronic plug-in and magnetic hardwire. All are dimmable except electronic plug-in versions (per the NEC receptacles shall not be controlled by a wall dimmer).

## 12V AC Electronic Hardwire Transformers



**ALTR60B** 10-60W capacity

**ALTR80B** 20-80W capacity

12V AC electronic hardwire transformer, Class 2  
 7" 18AWG primary and 5" 12AWG secondary leads  
 Thermal protection with auto reset; mounting screws included  
 Triac / reverse phase compatible  
 c/UR/us Recognized for dry locations  
 2-1/4"L x 1-5/16"W x 7/8"H



**ALTR105B** 35-105W capacity

**ALTR150B** 45-150W capacity

12V AC electronic hardwire transformer, Class 2  
 7" 18AWG primary and 5" 12AWG secondary leads  
 Thermal protection with auto reset; mounting screws included  
 Triac / reverse phase compatible  
 c/UR/us Recognized for dry locations  
 4-5/16"L x 1-7/8"W x 1-1/4"H

## 12V AC Electronic Plug-in Transformers



**ALTR60PI** 20-60W capacity

12V AC electronic wall mount plug-in transformer, Class 2  
 36" 18AWG lead with inline roll switch and connector block  
 Thermal protection with auto reset, blister packed  
 c/UL/us Listed for dry locations  
 3-1/2"L x 1-3/4"W x 2-1/4"H



**ALTR60P** 20-60W capacity

12V AC electronic remote mount plug-in transformer, Class 2  
 24" 18AWG lead with connector block  
 8ft 18AWG power cord with inline switch and polarized plug, 2-blade plug  
 Thermal protection with auto reset, blister packed  
 c/UL/us Listed for dry locations  
 4"L x 1-3/4"W x 1-3/16"H

12V & 24V AC Magnetic Hardwire Transformers 

**TR-150-12** 60-150W capacity with (1) 15A circuit; 8-1/2"L x 3-1/2"W x 3-1/2"H

**TR-300-12** 120-300W capacity with (1) 25A circuit; 9"L x 4-1/2"W x 4-1/2"H

**TR-600-12** 240-600W capacity with (2) 25A circuits; 9-1/2"L x 4-1/2"W x 4-1/2"H

**TR-900-12** 360-900W capacity with (3) 25A circuits; 10-1/2"L x 5-1/2"W x 5-1/2"H

12V AC magnetic hardwire transformer with boost tap for longer runs

120V AC, 60Hz input - Do not connect 120V power to the input side of the transformer without a secondary load attached - this may damage the secondary coil and cause it to fail.

Triac / forward phase compatible - use high capacity dimmers for loads over 600 watts

Stainless steel enclosure with powder coat finish, hinged tension fit door, hang tab, multiple 1/2" knockouts, magnetic circuit breaker protection for each circuit and manual reset switch

c/UL/us Listed with NEMA 3R rating for indoor and outdoor use



**TR-150-24** 60-150W capacity with (1) 7A circuit; 8-1/2"L x 3-1/2"W x 3-1/2"H

**TR-300-24** 120-300W capacity with (1) 15A circuit; 9"L x 4-1/2"W x 4-1/2"H

**TR-600-24** 240-600W capacity with (1) 20A circuit; 9-1/2"L x 4-1/2"W x 4-1/2"H

**TR-900-24** 360-900W capacity with (2) 25A circuits; 10-1/2"L x 5-1/2"W x 5-1/2"H

24V AC magnetic hardwire transformer with boost tap for longer runs

120V AC, 60Hz input - Do not connect 120V power to the input side of the transformer without a secondary load attached - this may damage the secondary coil and cause it to fail.

Triac / forward phase compatible - use high capacity dimmers for loads over 600 watts

Stainless steel enclosure with powder coat finish, hinged tension fit door, hang tab, multiple 1/2" knockouts, magnetic circuit breaker protection for each circuit and manual reset switch

c/UL/us Listed with NEMA 3R rating for indoor and outdoor use

12V & 24V AC Magnetic Hardwire Drivers 

**LED-TR-30-12** 12-30W capacity; 5-1/2"L x 3-1/8"W x 1-1/2"H

**LED-TR-60-12** 24-60W capacity; 9-1/4"L x 3"W x 3"H

**LED-TR-100-12** 40-100W capacity; 9-1/2"L x 4"W x 4"H

**LED-TR-150-12** 60-150W capacity; 9-1/2"L x 4"W x 4"H

12V AC, 120Hz output\* magnetic hardwire driver; 120V AC, 60Hz input

Do not connect 120V power to the input side of the transformer without a secondary load attached - this may damage the secondary coil and cause it to fail.

Housing requires 12" clearance above and around housing if load exceeds 80% of capacity

Reverse phase compatible

Stainless steel enclosure with powder coat finish, hinged tension fit door,

hang tab, multiple 1/2" knockouts and reset switch

c/ETL/us Listed (excluding LED-TR-30-12); NEMA 3R rating for indoor and outdoor use



**LED-TR-30-24** 12-30W capacity; 5-1/2"L x 3-1/8"W x 1-1/2"H

**LED-TR-60-24** 24-60W capacity; 9-1/4"L x 3"W x 3"H

**LED-TR-100-24** 40-100W capacity; 9-1/2"L x 4"W x 4"H

**LED-TR-150-24** 60-150W capacity; 9-1/2"L x 4"W x 4"H

24V AC, 120Hz output\* magnetic hardwire driver; 120V AC, 60Hz input

Do not connect 120V power to the input side of the transformer without a secondary load attached - this may damage the secondary coil and cause it to fail.

Housing requires 12" clearance above and around housing if load exceeds 80% of capacity

Reverse phase compatible

Stainless steel enclosure with powder coat finish, hinged tension fit door,

hang tab, multiple 1/2" knockouts and reset switch

c/ETL/us Listed (excluding LED-TR-30-24); NEMA 3R rating for indoor and outdoor use

\*These magnetic hardwire drivers do not have a DC output, although in some cases, these drivers will work for LED loads. The output is AC but with a 120Hz frequency so that the output lines up with the peaks of the 120V alternating current. These drivers are not recommended for some Tape Light applications nor Festoon Light String with LED modules.