



PERIMETER®

LED SECURITY LIGHTING SOLUTIONS

DC POWER SUPPLY 600 & 1200 WATT With Astronomical Clock and 3rd Party Control*

Low voltage perimeter lighting power supply designed to operate on a set program or as part of an automated lighting solution to deter threats.

Customized GPS on/off dusk to dawn control, days of the week programming.

Integrate with 3rd party perimeter detection systems using dry contact signals from cameras, motion, radar, laser, etc. to turn on/off lights.

High efficacy DC power, eliminates flicker, and produces crisp images that will reduce VMS storage and save money.

Auto sensing primary power range from 100VAC to 277VAC accommodates virtually all available power: 115V, 120V, 230V, 240V, 208V, 277V, and European 220V1Phase. 47-63 Hz Range.

Power 1/4 MILE of CPL2 lights with ONE power supply!

Product Features

- Safe, simple low voltage power supply available in 600 Watt and 1200 Watt models.
- Outdoor mount, 304 stainless steel enclosure.
- Secondary short circuit protection. Automatic constant current limiting recovering after fault condition is removed.
- Provides 26 Volts DC secondary power under any load condition.
- Extra room to accommodate optional 125 Watt 24V DC power supply for other perimeter devices, such as CCTV camera systems which can operate 24/7/365.
- Global GPS time clock for auto adjusting (or customizable) dusk to dawn control and days of the week operation. (A and AI Series).
- Two zone, dry contact closure (NO/NC) interfaces with third party intrusion detection solutions to turn on/off lights. User defined light control to deploy "Flash-Glare"™ feature to deter intruders (AI Series only).

Integrate perimeter lighting with other 3rd party security systems to automatically activate, surprise, and disorient intruders without the involvement of on-site security guards!



CPT1200DCAI (1200 Watts)

If It's Not Lit, It's Not Secure®

Up until now, highly-secure buildings and facilities have known the need for security lighting, but it was always too expensive with the only option being high-voltage legacy pole-mounted systems. CAST design engineers have developed the first fence-mounted, low voltage perimeter lighting system to integrate seamlessly with any security system, CCTV, or modern intrusion detection systems. Now, high quality, perimeter security lighting is more flexible and affordable than ever.

*3rd party control on CPT1200DCAI



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Product Features Continued

- Two versions GPS down to dusk power supply: CPT600DCA (600 Watts) and CPT1200DCA (1200 Watts).
- Third party activated power supply with GPS down to dusk control: CPT1200DCAI (1200 Watts).
 - Dry contact NO or NC signal wire or optional radio activation.
 - Independent strobing flash programming down to one-second interval on and off run time.
 - Strobe duration run time control from one minute to twelve hours.
 - Lights on after strobe run time control from one minute to twelve hours.
 - Two dry contact zone inputs for 3rd party intrusion detection system. Typical is **pre-alarm zone** and second zone closer to the fence is **alarm-zone**. Both with independent response programming and override feature.
 - Allows lights to activate after NO or NC signal sent for user defined duration from one minute to twelve hours.
- Seven year warranty.
- Dimensions: Height 17.5" (44.5cm), Width 13.0" (33.0cm), Depth 7.0" (18.0cm).
- Weight: 600 Watt unit: 30.0 lbs. (13.6 Kilograms), 1200 Watt unit: 35.0 lbs. (16.0 Kilograms).
- Consumed Amps 600 Watt: 115VAC 7 Amps, 230VAC 3.3 Amps, 277VAC 2.9 Amps.
- Consumed Amps 1200 Watt: 115VAC 14 Amps, 230VAC 6.6 Amps, 277VAC 6.0 Amps.
- UL listed to 2108 standard for safety

Ambient Operating Range Power Supply Capacity Rating:

-40 to +55C @85% capacity (load all power supplies to 85% capacity)

MODEL NUMBERS AVAILABLE:

- CPT600DCA (600 Watts)
- CPT1200DCA (1200 Watts)
- CPT1200DCAI (1200 Watts)

CAST Perimeter®, The Most Active Deterrent...

Stop intruders before they act with an extremely effective and affordable advanced perimeter security lighting solution. The CAST Perimeter® innovation uses the most advanced principles in LED technology and optics to secure your perimeter and keep intruders out. Flash Glare®, a feature that rapidly cycles light from full brightness to total darkness, temporarily disables the intruders retina and ability to carry out an attack... automatically, night after night.



CPT600DCA (600 Watts)
CPT1200DCA (1200 Watts)

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