



***Premium electronic flashers designed for ambulances, fire rescue trucks and specialty vehicles.***

## **Heavy Duty Flashers Built for Reliability & Performance**

Vanner manufactures a wide variety of flashers for every type of vehicle. Our flashers are designed to produce a variety of lighting patterns and sequences with a broad range of available amperage ratings. All Vanner flashers are:

- Totally electronic for extended life
- Hermetically sealed for total protection against the elements
- Shock and vibration resistant for reliability
- Interference-free from radio electronic warnings, P.A. or medical diagnostic equipment
- Equipped with a Ground Control terminal, eliminating the need for solenoids and/or high amp ON/OFF switches

### **Model 3250GCPE Flasher**

This two output high power electronic flasher provides 50 amps output per terminal for a total of 100 amps. This unit has output short circuit protection, reverse input voltage protection, and is quasi-current limited to protect against excessive heat. The 3250GCPE alternates the flashes of two groups of lamps in a wig-wag pattern. This flasher has extraordinary heavy-duty capacity to operate under substantially greater loads. An excellent unit for extra warning lamps such as intersection, front grille, rear panel lamps and halogen bulbs.

### **Model 3840GCPE Duo-Mode Flasher**

This heavy-duty Duo-Mode electronic flasher has been designed for systems that must perform to Federal Specification for Ambulances KKK-A-1822C. This unit can be operated in two modes - Primary and Secondary. Primary mode is the standard running mode which alternates the flashes from the A warning lights to the B and C warning lights. All lamps operate at full power when in the Primary mode. The Secondary mode is normally used at the scene and alternates the flashes of the A warning lights with the B warning lights at full power with C lights off. The 3840GCPE is designed with heavy-duty capacity to operate under substantial electrical loads such as grille lamps, intersection lamps, rear panel lamps, and halogen bulbs. This unit is reverse input voltage protected, patented output short circuit protected, and quasi-current limited to protect against excessive heat.

### **Model 3860GCPE Duo-Mode Flasher**

This heavy-duty, Duo-Mode electronic flasher has been designed for systems that must perform to Federal Specification for Ambulances KKK-A-1822D and E. This unit can be operated in two modes - Primary and Secondary. Primary mode is the standard running mode which alternates the flashes from the A warning lights to the B and C warning lights. All lamps operate at full power when in the Primary mode. The Secondary mode is normally used at the scene and alternates the flashes of the A warning lights with the B warning lights at full power with C lights off. The 3860GCPE can be used with most incandescent and halogen warning lights.

# Electronic Flashers

<b>Electronic Flasher Specifications</b>	
<b>3250GCPE (alternating flash pattern; 2 output terminals)</b>	
Maximum Output Current	50 Amps per terminal (with 50W lamps - 9 typical per terminal; with 35W lamps - 12 typical per terminal)
Input Voltage	10-16Vdc, 13.6Vdc nominal
Flash Rate	60 per minute +/-8%
Duty Cycle	50/50 +/- 10%
Ambient Temperature	-40°F to 150°F (-40°C to 65°C)
<b>3840GCPE (designed for systems that must perform to GSA Spec. KKK-A-1822C; 3 output terminals)</b>	
Maximum Output Current	30 Amps per terminal (with 50W lamps - 6 typical per terminal; with 35W lamps - 8 typical per terminal)
Input Voltage	10-16Vdc, 13.6Vdc nominal
Flash Rate	60 per minute +/-8%
Duty Cycle	50/50 +/- 10%
Ambient Temperature	-40°F to 150°F (-40°C to 65°C)
<b>3860GCPE (designed for systems that must perform to GSA Spec. KKK-A-1822D &amp; E; 3 output terminals)</b>	
Maximum Output Current	Terminal A - 40 Amps; Terminal B - 24 Amps; Terminal C - 30 Amps
Input Voltage	10-16Vdc, 13.6Vdc nominal
Flash Rate	75-80 per minute at 50/50 duty cycle
Ambient Temperature	-40°F to 150°F (-40°C to 65°C)
Fuse or Circuit Breaker	Customer supplied overload protection must be in series with + 12V input and should be 25% greater than either all A lights, or all B & C lights, whichever is larger.
Dimensions (all units)	2.63" x 4.74" x 3.5"
Weight (all units)	1 lb

Vanner's policy is one of continuous improvement. We reserve the right to change specifications without notice.

**1•800•AC•POWER**

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**EXPERIENCE POWER... EXPERIENCE VANNER.**