



SCHOOL ZONE FLASHER SYSTEM

Solar or AC-Powered Flasher Assembly

RTC School Zone Flasher Systems can help ensure a safe and efficient way for students and drivers to get to where they need to be. RTC's systems are fully customizable and can be equipped with cellular communication and Guardian™ monitoring, which enables remote troubleshooting and scheduling, as well as alerts to be sent via text or e-mail.

FEATURES

- Solar or AC application
- For solar applications, choose between standard battery cabinets or the easy-to-install FlashCube™
- Reliable AP series time switch
- Poly or aluminum heads with standard 12" LED modules (other sizes available)
- 4.5" spun aluminum or powder coated black pole with breakaway base (custom pole sizes and colors available)
- 48"H x 24"W school zone sign, 24"H x 18"W cell phone use prohibited sign
- 12-volt battery rated as non-spillable, scalable to fit requirement
- Natural or black powder-coated .125" 5052 heavy duty aluminum cabinet (custom powder coating available)
- Signal head and visor colors to meet agency specifications
- Compatible with Worry-Free Flasher System / Guardian™ Monitoring, RTC Connect™, AP22 and M2M
- Speed Limit sign available in traditional or EdgeLight™ options



Solar sizing engineered to fit your location.

Traditional or EdgeLight™ sign options.

.125" 5052 heavy-duty aluminum cabinet houses gel-cell battery and electronics and meets or exceeds NEMA standards.



100% RTC Connect™ Cellular Control

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SPECIFICATIONS AND ORDERING OPTIONS

SOLAR ARRAY	20 to 110-watt as needed; guaranteed power output 90% rated wattage for 10 years; 80% guaranteed power output for 25 years
SOLAR MOUNTING	top-of-pole or side-of-pole mounting options
BATTERY	12-volt sealed battery, rated as non-spillable, in 36, 53, and 104 AH
SOLAR CABINET	.125" 5052 sheet aluminum cabinet with Number 2 APL lock 16.25"H x 18"W x 12.5"D
AC CABINET	NEMA 3R Type, fabricated of .125" sheet aluminum with standard #2 lock and key, includes a two-circuit plug-in NEMA flasher and base, 14"H x 14"W x 11"D (optional 7" depth available)
AC LINE ARRESTOR	<ul style="list-style-type: none">- Repetitive peak surge current: 15000 Amps- Peak surge voltage (at 10KA): 680 Volts- Energy handling: 220 Joules- Power dissipation rate: 15 Watts Max.- Continuous AC voltage: 150 VAC RMS- Peak voltage (1ma): 212 Volts- Typical capacitance: 4000 Picofarads- Operation temperature: -40 to +85C
POLE	Pelco 4.5"W x 15"H spun aluminum or black powder-coated pole, square break-away base with 12" x 14.5" dia. bolt pattern, plastic door, reinforcing collar and anchor bolts
SIGNS	Engineer-grade sheeting - optional diamond grade (yellow or fluorescent yellow-green) or optional high-intensity prismatic (yellow or fluorescent yellow-green), traditional or EdgeLight™ options
CONTROL PANEL	Interface panel and 10-amp solar regulator with low voltage disconnect (LVD) to protect the battery from over-discharge

COMPONENT MANUFACTURER WARRANTIES

— All RTC components carry our 5-year limited warranty in materials and workmanship
Radios carry a 1-year standard manufacturer's warranty and batteries carry a 2-year standard manufacturer's warranty

COMPLIANCE

- Time Switch: AP series NEMA certified
- Flasher Circuit Interface: NEMA certified
- Solar Regulator: for use in CII, Div 2, Gp ABCD hazardous locations, operating temperature -40 to +85°C

WORRY-FREE FLASHER SYSTEMS™

RTC Manufacturing's industry leading school zone flasher equipment is enhanced by an impressive supporting cast that makes the monitoring, communicating, and scheduling of school zone flashers a worry-free process.



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