

ELEGRP

GFCI Protection Solution

Reliable Safety for Every Application



SAFETY YOU CAN TRUST. PROTECTION YOU CAN RELY ON.

ELEGRP is a leading provider of electrical and electromechanical solutions. Since 2000, we have been a pioneer in leakage protection technology, dedicated to delivering cutting-edge electrical safety solutions. Powered by ELEGRP's patented PBE™ Protection Technology Platform, our safety solutions combine precision current detection and ultra-fast response to provide reliable protection against electrical hazards. With a comprehensive portfolio including GFCI, AFCI, PRCD, and other protection devices, ELEGRP helps safeguard over 300 million families worldwide.



5 Second Continuous Self Test

ELEGRP GFCI performs an automatic self-test every 5 seconds, continuously monitoring protection functionality—far exceeding the UL requirement of testing every 3 hours.



0.025 Second Fast Trip Protection

When a ground fault is detected, the GFCI quickly interrupts power within 0.025 seconds, helping reduce the risk of electrical shock and providing fast, reliable protection.



Compact Profile Fits Standard Electrical Boxes

With a slim 1.34-inch profile, ELEGRP GFCI fits standard electrical boxes, including shallow configurations, making installation easier in a wide range of applications.



Integrated Screw Terminals for Faster Wiring

The integrated screw terminals simplify wiring, saving installation time and improving efficiency for professional installers.



Advanced PBE Technology

has protected

300,000,000⁺ Users

Low Power-Consumption

Intelligent Protection and Control

Integration and Customization

Scene Reset Protection Technology

5S

Self-Test

24/7

Real-time Monitoring

Over-Heat Protection

IP66

Ground Fault Detection and Protection

Power Cord Monitoring and Protection

COMPLETE GFCI SOLUTIONS



Laundry Room
Self-Test GFCI



Kitchen
GFCI with Night Light



Bathroom
GFCI Combo with
Night Light and USB Ports



Garage
GFCI Adapter



Outdoor Area
Weather-Resistant GFCI



Outdoor Area
GFCI Extension Cord



Lawn Mower
Portable GFCI

Maximize Efficiency
One Device for
Multiple Functions



GFCI with USB Ports

Combining advanced GFCI protection with USB charging and a built-in night light, offering safety, convenience, and everyday comfort in one device.

- Integrated night light and USB ports save space while adding extra convenience
- Self-tests every 5 seconds to ensure continuous protection
- Patented PBE® technology enables rapid fault detection and automatic power shutoff
- Automatically resets after power interruption for added convenience



P/N		LGR2315AC01	LGR2315CCT1	LGR2315ACT1	LGR2315ACL1	LGR2320CC01	LGR2320CCT1	LGR2320ACT1	LGR2320ACL1
Rating(A.V.)		15 120				20 120			
USB Charger	Total Output	24W (4.8A)				24W (4.8A)			
	Port Type	A + C	C + C	A + C	A + C	C + C	C + C	A + C	A + C
Description		Basic version				Basic version			
NEMA		5-15R				5-20R			

Reliable Protection That
Lights the Way



GFCI with Night Light

Combines reliable GFCI protection with an automatic night light to improve safety and convenience in kitchens, bathrooms, and hallways.

- Integrated night light provides gentle illumination for safer nighttime use
- Self-tests every 5 seconds to ensure continuous protection
- Ultra-compact design fits standard electrical boxes for easy installation
- Patented PBE® technology enables rapid fault detection and automatic power shutoff



P/N	G1915TL	G1920TL
Rating(A.V.)	15 125	20 125
Description	TR Night Light	TR Night Light
NEMA	 5-15R	 5-20R



Self Test GFCI

Designed to provide reliable ground-fault protection with continuous self-monitoring for enhanced electrical safety.



- Self-tests every 5 seconds to ensure continuous protection
- Ultra-compact design fits standard electrical boxes for easy installation
- Patented PBE® technology enables rapid fault detection and automatic power shutoff
- High-impact thermoplastic construction delivers superior strength and durability



P/N	G1915A	G1920A	G1915T	G1920T	G1900A	G1900W
Rating(A.V.)	15 125	20 125	15 125	20 125	20 125	20 125
Description	Basic version	Basic version	TR	TR	Blank Face	WR
NEMA	 5-15R	 5-20R	 5-15R	 5-20R	/	/



Weather-Resistant GFCI

Designed for damp locations, WR GFCI paired with weatherproof covers provides reliable protection and enhanced safety.



- UV-stabilized WR receptacle with tight-sealing enclosure for outdoor protection
- Self-tests every 5 seconds for continuous protection
- TR shutters prevent foreign object insertion with reversed wiring protection
- Patented PBE® technology for rapid fault detection and automatic shutoff



P/N	G1915TW	G1920TW
Rating(A.V.)	15 125	20 125
Description	TRWR	TRWR
NEMA	 5-15R	 5-20R



Portable GFCI Adapter

Compact and easy to carry, this GFCI adapter delivers portable protection for tools, appliances, and any application requiring reliable GFCI safety.



- Portable design provides temporary GFCI protection wherever needed
- Lighted power indicator makes power status easy to see
- Automatically restores power after plug-in or power interruption for reliable protection
- Self-tests every 5 seconds to ensure continuous protection

Models A - Auto Reset M - Manual Reset	G20AA	G20AM
Application Standard	UL943/CSA 22.2 No. 144.1 UL498A /CSA 22.2 No.42	
Working Temperature	-35°C ~ +66°C	
Rated Voltage	125Vac	
Rated Current	GFCI 20A	
Rated Frequency	60Hz	
Rated Operating Residual Current	4mA ~ 6mA	
Action Time to Residual Current	$T = (20/I)^{1.43} S, \leq 1s @ 6mA$	
Endurance	≥6000 times (UL requires 3000 times)	
Voltage Surge Withstand	6KV/3KA	
Plug Configuration	Convert 5-15P to 5-15R	
Colors	Per clients' demands	



Portable GFCI Extension Cord

Built for outdoor and heavy-duty use, this GFCI extension cord delivers reliable protection with a weather-resistant jacket for demanding environments.



- 6kV surge and lightning protection with 6,000+ cycle tested durability
- Weather-resistant design with automatic reset and LED indicator
- Heavy-duty 12/3 SJTW copper cable for reliable performance
- 3-way outlets support multiple devices up to 1875W

Electrical Rating	15A, 125V
Maximum Total Output Power	1875W
Reset Type	Auto Reset
Wire Gauge	12/3 SJTW
Cord Length	3 Feet
Operating Temperature	-31°F to 150°F (-35°C to 66°C)
Certification	UL & CUL Listed
Waterproof Grade	UL 50E 3R



Portable GFCI Solutions

ELEGRP offers a comprehensive line of portable GFCI devices designed specifically for equipment manufacturers, OEM partners, and commercial applications.



- Patented PBE® technology for rapid fault detection and automatic shutoff
- The rainproof polycarbonate enclosure is durable and weather-resistant
- Reset options: Manual (button press required) or Auto (self-restores after power-up)
- The GFCI provides surge and lightning protection up to 6kV, and has undergone over 6,000 cycles of factory testing – twice the UL requirement



Models	G20CM	G20PM	G20PMS
Safety Certification	UL943/CSA 22.2 No. 144.1 UL498A /CSA 22.2 No.42		
Working Temperature	-35°C ~ +66°C		
Rated Voltage	125Vac		
Rated Current	GFCI 15A or 20A (Optional)		
Rated Frequency	60Hz		
Rated Operating Residual Current	4mA ~ 6mA		
Action Time to Residual Current	$T=(20/1)^{1.43}$ mS		
Endurance	>6000 times(3000 per UL standard)		
Voltage Surge Withstand	6KV/3KA		
Waterproof Grade	UL50E 3R		
Standard Cord Set	Configure the UL standard cord per clients' demands: 12AWG(20A)、14AWG(15A) 16AWG(13A)、18AWG(10A)		
Plug Configuration	5-15P、5-20P、1-15P、1-20P(optional)		

ELEGRP

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Visit www.elegrp.com for more information.

