



Marinco
N85 W12545 Westbrook Crossing
Menomonee Falls, WI 53051
618.797.5000
618.797.5001 fax

marinco.com

Chargers for Harsh Environments

MARINCO[®]



Power you can rely on.

Guest chargers are designed and built to go the distance in many challenging applications. This family of proven performers is one of the most comprehensive line of chargers available. Whether you need to hard wire or carry it with you, you have a wide variety of chargers to choose from:

- Intelligent Charging System (ICS) Chargers
- Triple-Battery On-Board Chargers
- Portable Chargers
- Mobility Chargers
- Single-Battery On-Board Chargers
- Genset Chargers
- Dual-Battery On-Board Chargers

Intelligent Charging System (ICS) Chargers

These chargers are user-friendly, efficient and reliable, maintain the Guest heritage of harsh-environment performance.

A membrane-covered control Center panel, located at the top of each charger for easy access, allows the user to select a battery type per output (AGM/ Flooded or Gel). Easy-to-read LEDs provide charge status and alarm indication. Electronic components are mounted on an anodized aluminum base for efficient heat dissipation and reduced weight. Circuits are coated in epoxy for protection from water or vibration. The charger case features slotted sides to provide convection cooling of the aluminum base plate while maintaining an IP65 Water-Resistance Rating.



Part #	Total Amps	Output(s)	Amps/ Output	Battery System	Input Voltage	AC	DC	Dimensions	Wt (lbs)
16061	6	1	6	12V only	95–135V AC 50/60 Hz	6' w/ ConnectCharge™ plug	4' w/ ring terminals	7.0"x4.9"x2.4"	3
16102	12	2	6/6	12V+12V or 24V	95–135V AC 50/60 Hz	6' w/ ConnectCharge™ plug	4' w/ ring terminals	6.6"x7.1"x3.1"	4.5
16153	18	3	6/6/6	12V+12V+12V or 12V+24V or 36V	95–135V AC 50/60 Hz	6' w/ ConnectCharge™ plug	4' w/ ring terminals	9.8"x7.1"x3.0"	6
16202	20	2	10/10	12V, 12V, 12V+12V or 24V	95–135V AC 50/60 Hz	6' w/ ConnectCharge™ plug	4' w/ ring terminals	9.8"x7.1"x3.0"	6.75



Portable Chargers and Single-Battery On-Board Chargers

A complete line of chargers and maintainers for 12 or 24 Volt battery systems. Rugged design and construction for harsh-environment usage.

- Rugged, fully potted
- Electronic switching technology
- Short-circuit protected
- Reverse-polarity protected
- Overloaded protected
- Complete with AC and DC cables with connectors (see chart)
- Use with flooded, AGM and Gel Cell batteries



Part #	Total Amps	Output(s)	Amps/ Output	Battery System	Input Voltage	AC	DC	Dimensions	Wt (lbs)	Agency Listing
Portable Chargers										
2606A	6	1	6	12V	100–130 50/60 Hz	6' w/ standard plug	4' w/ battery clips	5.5"x5"x2.4"	3	UL
2612A	10	1	10	12V	100–130 50/60 Hz	6' w/ standard plug	4' w/ battery clips	7.5"x5"x2.4"	4.5	UL
Single-Battery¹ On-Board Chargers										
2602A-12	2	1	2	12V	100–130 50/60 Hz	6' w/ ConnectCharge™ plug	4' w/ ring terminals	2.9"x5.1"x1.5"	2	UL
2602A-24-B (bulk pack only)	2	1	2	24V	100–130 50/60 Hz	6' w/ ConnectCharge™ plug	4' w/ ring terminals	2.9"x5.1"x1.5"	2	UL
2603²	3	1	3	12V	100–130 50/60 Hz	18" w/ standard plug	4' w/ ring terminals	3.1"x3.5"x2.3"	1	UL
2608A	6	1	6	12V	100–130 50/60 Hz	6' w/ ConnectCharge™ plug	4' w/ ring terminals	3.5"x6.4"x2.3"	4	UL (bulk only)
2608A-B (bulk)										
2608A-B-01 (bulk pack only)	6	1	6	12V	100–130 50/60 Hz	6' w/ ConnectCharge™ plug rated -40 to 70°C	4' w/ ring terminals rated -40 to 70°C	3.5"x6.4"x2.3"	4	UL
2611A-1-B (bulk pack only)	10	1	10	12V	100–130 50/60 Hz	6' w/ ConnectCharge™ plug	4' w/ ring terminals	3.5"x6.4"x2.3"	5.6	UL

¹For single battery or a parallel band of batteries in 12V DC

²2-stage charging



Individual agency listings as shown in product chart

Dual-Battery On-Board Chargers

Dual-battery chargers with single or double outputs. Each output is an independent charging system, insuring individual attention to each battery. Pre-wired or hard-wired chargers, to easily incorporate into your product.

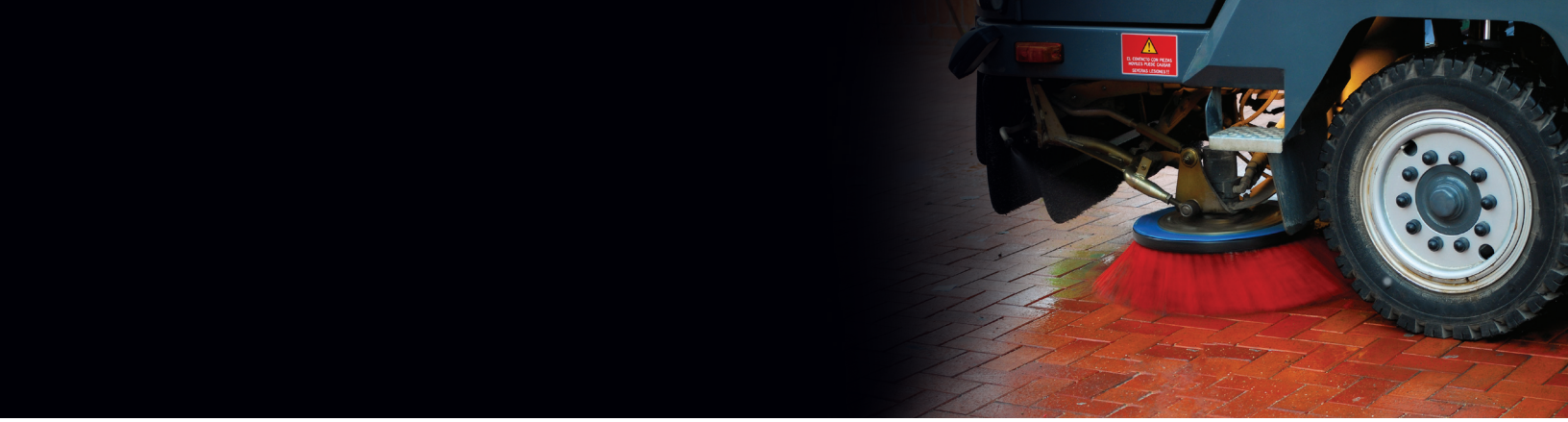
- Rugged, fully potted
- Electronic switching technology
- Short-circuit protected
- Reverse-polarity protected
- Overload protected
- Complete with AC and DC cables with connectors (see chart)
- Use with flooded, AGM and Gel Cell batteries
- Independent outputs (see chart)



Part #	Total Amps	Output(s)	Amps/ Output	Battery System	Input Voltage	AC	DC	Dimensions	Wt (lbs)	Agency Listing
Dual-Battery On-Board Chargers (pre-wired)										
2607A	6	2	3/3	12V+12V or 24V	100-130 50/60 Hz	6' w/ ConnectCharge™ plug	4' w/ ring terminals	3.5"x6.4"x2.3"	4	UL (bulk only)
2607A-B (bulk)										
2611A	10	2	5/5	12V+12V or 24V	100-130 50/60 Hz	6' w/ ConnectCharge™ plug	4' w/ ring terminals	5.5"x7.8"x2.4"	5.6	UL (bulk only)
2611A-B (bulk)										
2620A	20	2	10/10	12V+12V or 24V	100-130 50/60 Hz	6' w/ ConnectCharge™ plug	6' w/ ring terminals	7"x9.6"x2.6"	8	—
Hard-Wired AC and DC (studs)										
2610A-B	10	2	5/5	12V+12V	100-130 50/60 Hz	studs	studs	5.5"x7.8"x2.4"	5.6	UL
2722-B (bulk pack only)	30	2	15/15	12V+12V or 24V	100-130 50/60 Hz	studs	6' w/ ring terminals	6.5"x12.3"x2.8"	3.5	—



Individual agency listings as shown in product chart



Triple-Battery On-Board Chargers

Guest brand multiple-battery chargers are made to support the unique requirements of multi-task charging, up to 30 amps. Most chargers have multiple outputs. Each output is an independent charging system, insuring individual attention to each battery.

- Waterproof, fully potted
- Electronic switching technology
- Made for outdoor, harsh-environment use
- Short-circuit protected
- Reverse-polarity protected
- Overload protected
- Complete with AC and DC cables with connectors
- Use with flooded, AGM and Gel Cell batteries
- Independent outputs



Part #	Total Amps	Output(s)	Amps/ Output	Battery System	Input Voltage	AC	DC	Dimensions	Wt (lbs)	Agency Listing
2613A	15	3	5/5/5	12V+12V+12V or 24V+12V	100-130 50/60 Hz	6' w/ ConnectCharge™ plug	4'/4'/6' w/ ring terminals	7"x9.6"x2.6"	8	—
2623A	25	3	10/5/10	12V+12V+12V or 24V+12V	100-130 50/60 Hz	6' w/ ConnectCharge™ plug	6' w/ ring terminals	7"x13"x2.6"	13	—
2631A	30	3	10/10/10	12V+12V+12V or 24V+12V or 36V	100-130 50/60 Hz	6' w/ ConnectCharge™ plug	6' w/ ring terminals	7"x13"x2.6"	13	—

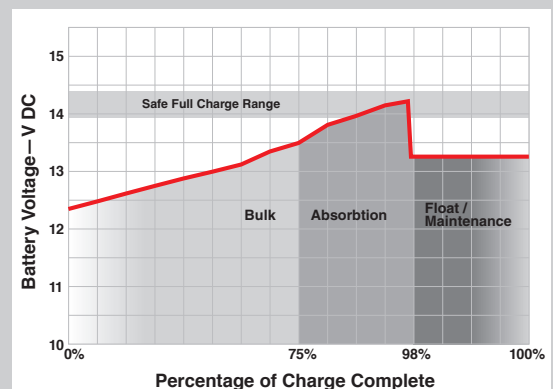
3-Stage Chargers Maximize Battery Life

More batteries are ruined by improper charging than by over-use. The safest, most efficient way to charge batteries without making them too hot or boiling off electrolyte is in three distinct stages:

Bulk Stage: The charger uses its full amp output (constant current), while the battery voltage rises.

Absorption Stage: The charger regulates the battery voltage at a peak level (constant voltage) while the current flow to the battery decreases

Float or Maintenance Stage: Unlike some "trickle chargers", which apply a constant current to the battery, the Guest float-charge technology only supplies current at the rate it will be accepted by the battery.



Genset Chargers

Guest chargers are proven performers in genset applications. For specific application information, or if you are developing a new product, be sure to consult with the Guest applications engineering team to ensure the correct charger is specified.



Part #	Total Amps	Output(s)	Amps/ Output	Battery System	Input Voltage	AC	DC	Dimensions	Wt (lbs)	Agency Listing
2602A-12	2	1	2	12V	100-130 50/60 Hz	6' w/ ConnectCharge™ plug	4' w/ ring terminals	2.9"x5.1"x1.5"	2	UL
2608A-B-01 (bulk pack only)	6	1	6	12V	100-130 50/60 Hz	6' w/ molded plug rated -40 to 70°C	4' w/ ring terminals rated -40 to 70°C	3.5"x6.4"x2.3"	4	UL
2610A 2610A-B (bulk)	10	2	5/5	12V+12V	100-130 50/60 Hz	studs	studs	5.5"x7.8"x2.4"	5.6	UL (bulk only)



Individual agency listings as shown in product chart



Mobility Chargers

Tough, fully automatic chargers meet ANSI-RESNA specifications to provide fast, quiet power for recharging powerchairs and mobility scooters. Portable chargers feature a sleek design and a small footprint for home or institutional use. An inhibit circuit effectively disables the mobility device while charging. On-board models have either low- or high-Inhibit circuitry to meet specific OEM requirements.

- Resists corrosion and bodily fluids
- Electronics are fully encapsulated in epoxy for protection in hostile environments
- Quiet operation, without the buzz of transformer-based chargers
- Built-in electronic overload and thermal protection
- Short-circuit protected
- Reverse-polarity protected
- Meets FCC Class B requirements for radiated and conducted emissions
- Complete with AC & DC cables with connectors (see chart)
- Portable models have standard 3-pin DC XLR connector to fit most mobility devices and IEC connector with power cord
- Use with flooded, AGM and Gel Cell batteries



Part #	Total Amps	Output(s)	Amps/ Output	Battery System	Input Voltage	AC	DC	Dimensions	Wt (lbs)	Agency Listing
28003	3	1	3	24V	100-130 60 Hz	IEC Connector w/ 6' adapter included	4' w/ XLR connector	6.6"x7.3"x2.7"	3.3	UL
28005	5	1	5	24V	100-130 60 Hz	IEC Connector w/ 6' adapter included	4' w/ XLR connector	7.2"x8.3"x2.7"	4.3	UL
28008	8	1	8	24V	100-130 60 Hz	IEC Connector w/ 6' adapter included	4' w/ XLR connector	7.8"x9.5"x2.9"	6.3	UL



Individual agency listings as shown in product chart