

# Guest® Industrial Battery Chargers & Accessories



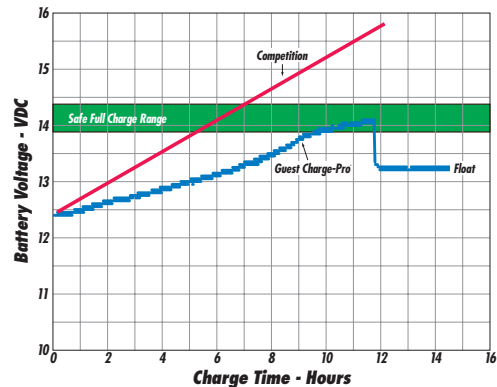
**GUEST®**

Rev  
C

# Why Guest® Industrial Chargers?

## We'll Test Any Battery/Charger Combination For You

Guest has been an expert in battery and charging technology for over 30 years. We'll help you select the best battery and Guest charger combination for your OEM application. Then, we'll test that combination **versus any competitor's charger**, using standardized tests in our specialized labs. All test results are fully-documented and charted for easy comparisons of initial and final battery states, charge times, and charging curves.

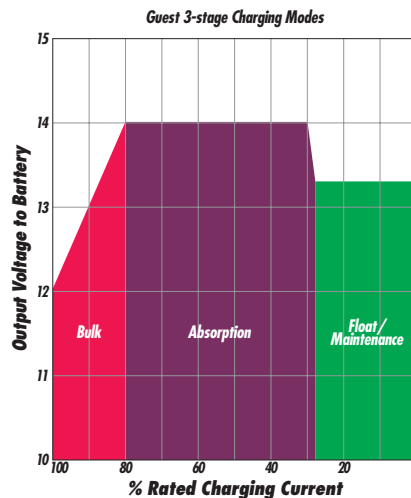


## Maximize Battery Life With Guest's 3-Stage Chargers

More batteries are ruined by improper charging than by over-use. The safest, most efficient way to charge your batteries without making them too hot or boiling off electrolyte is in 3 distinct stages:

In the **bulk stage**, the charger uses its full amp output to do the heaviest charging, quickly bringing your battery to about 75% of capacity.

In the **absorption stage** current flow slows, adjusting for maximum charging efficiency while it gently tops off the battery to about 98% of capacity. Maintaining constant voltage lets the battery absorb the charge at its own rate.



The **float or maintenance stage** applies a lower, closely-regulated, constant voltage to maintain full charge and prevent discharge. Unlike some “trickle chargers,” Guest’s float charger won’t apply more current than necessary to maintain full charge.

Batteries can be connected indefinitely, without harm; in fact, the float charge extends battery life.

## Special Charger Settings

Guest will fine-tune any or all of the 3-stage charging electrical outputs to meet the specific requirements of systems designers and/or battery manufacturers.

## A Guest Exclusive: Multi-Task Charging (MTC)

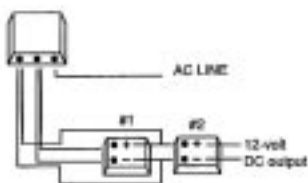
In multi-battery applications, the needs of the individual batteries vary widely. A “starting” battery, replenished by the alternator, requires a different kind of charge than a deeply-depleted “constant-use” battery.

Guest’s exclusive multiple-converter models include separate chargers for both starting and constant-use batteries, **within the same housing**. Each converter automatically delivers the power necessary to optimize each battery’s recharge cycle.

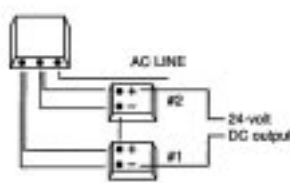
Guest’s MTC chargers have:

- **Dedicated cables** for each battery, so each battery can receive individual attention.
- **Differentiated amperages** to each battery depending on its usage curve.
- **Robust circuits** designed for continuous use as a power supply.

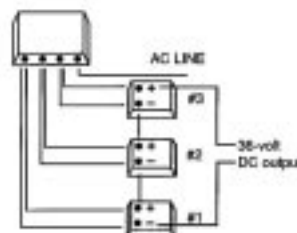
### Samples of Multi-Task Charging Configurations:



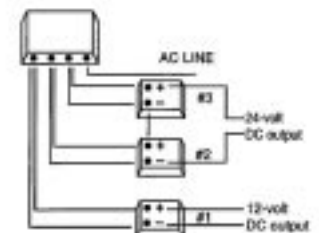
12 volt (parallel)



24 volt (series)



36 volt (series)



12v/24v-12

# Choose Your Charger:

Output Voltage	Output Amps	No. of Outputs	Battery System (Batteries On Board)	Output Terminations <sup>1</sup>	No. of Sets & Length of Output Cables <sup>2</sup>	Dimensions W x H x D (inches)	Weight (lbs)	Model Number: Bulk Pack	Model Number: Retail Pack	Approvals
<b>115V Portables, accepting input power of 95-130vAC/50-60Hz</b>										
6	0.5	1	(portable)	Alligator Clips	One-4'	—	0.5	—	2602-6	
12	0.5	1	(portable)	Alligator Clips	One-4'	—	0.5	2602-B	2602	
12	3	1	(portable)	Alligator Clips	One-4'	—	1.5	—	2603	
12	6	1	(portable)	Alligator Clips	One-4'	5 x 3-1/2 x 2-1/4	4	2606A-B	2606A	cUL in bulk <sup>3</sup>
12	10	1	(portable)	Alligator Clips	One-4'	5 x 5 x 2-1/4	6	—	2612A	cUL
<b>115V On-Board and/or Portables, accepting input power of 95-130vAC/50-60Hz</b>										
12	2	1	1	Ring Terminals	One-4'	5 x 3 x 1-1/2	1.5	2602A-12	—	cUL
12	6	1	1	Ring Terminals	One-4'	6-3/8 x 3-1/2 x 2-1/16	4	2608-B	2608	cUL in bulk <sup>3</sup>
12	5/5	2	2	Hard Wire Posts	—	7-3/4 x 5-1/8 x 2-1/16	5	2610-B	2610	
12	10	1	2	Ring Terminals	Two-4'	7-3/4 x 5-1/8 x 2-1/16	6	2611-1-B	—	
12	10/5	2	2	Ring Terminals	Two-10'	12-1/4 x 6-1/2 x 2-1/2	10	2614-B	2614	
12	20/10	2	2	Hard Wire Posts	Two-10'	15-2/3 x 6-1/2 x 2-1/2	13	2633-B	2633	
12 or 24	3/3	2	1 or 2 in series	Ring Terminals	Two-4'	6-3/8 x 3-1/2 x 2-1/16	4	2607-B	2607	cUL in bulk <sup>3</sup>
12 or 24	5/5	2	1 or 2 in series	Ring Terminals	Two-4'	7-3/4 x 5-1/8 x 2-1/16	6	2611-B	2611	cUL in bulk <sup>3</sup>
12 or 24	5/5/5	3	2 or 3	Ring Terminals	Three-4'	9-1/4 x 6 x 3-1/4	10	2613-B	2613	
12 or 24	10/10	2	1 or 2 in series	Ring Terminals	Two-6'	9-1/4 x 6 x 3-1/4	10	2620-B	2620	
12 or 24	10/5/10	3	2 or 3	Ring Terminals	Three-6'	12-5/8 x 6 x 3-1/4	13	2623-B	2623	
12 or 24	10/10	2	1 or 2 in series	Ring Terminals	Two-10'	9-1/4 x 6 x 3-1/4	10	2622-B	2622	
12 or 24	15/15	2	1 or 2 in series	Ring Terminals	Two-10'	9-1/4 x 6 x 3-1/4	10	2730-B	2730	
24	1.25	1	2 in series	Ring Terminals	One-4'	5-5/16 x 2-5/8 x 1-7/16	1.5	26015-24	—	cUL
24	2	1	2	Ring Terminals	One-4'	5 x 3 x 1-1/2	1.5	2602A-24	—	cUL
24	3	1	2	3-pin AMP®	One-8"	6-3/8 x 3-1/2 x 2-1/16	4	2903-1-24	—	cUL
24	5	1	2	3-pin AMP®	One-8"	7-3/4 x 5-1/8 x 2-1/16	6	2605A-1-24	—	cUL
24	10	1	2	Ring Terminals	One-6'	9-1/4 x 6 x 3-1/4	10	2620-1-B	—	
24	15	1	2	Ring Terminals	One-6'	9-1/4 x 6 x 3-1/4	10	2730-24-B	—	
12,24,36	10/10/10	3	3	Ring Terminals	Three-6'	12-5/8 x 6 x 3-1/4	13	2631-B	2631	
12,24,36	15/15/15	3	3	Ring Terminals	Three-6'	15-1/2 x 7-1/2 x 2-1/2	27	—	2745A	
36	10	1	3	Ring Terminals	One-6'	12-5/8 x 6 x 3-1/4	13	2631-36-B	—	
36	15	1	3	Ring Terminals	One-6'	12-5/8 x 6 x 3-1/4	13	2745-36-B	—	
48	6	1	1	Ring Terminals	One-6'	12-5/8 x 6 x 3-1/4	13	2631-48-B	—	cUL
12,24,36,48	6/6/6/6	4	4	Ring Terminals	Four-6'	12-5/8 x 6 x 3-1/4	13	2631-48-4	—	
<b>230v On-Board and/or Portables, accepting input power of 200-260vAC/50-60Hz</b>										
12	0.5	1	1	Alligator Clips	One-4'	—	0.5	2602-50-230	—	CE
12	10	2	2	Hard Wire Posts	—	7-3/4 x 5-1/8 x 2-1/16	5	2610-230-B	—	CE
12 or 24	10/10	2	1 or 2	Ring Terminals	Two-6'	9-1/4 x 6 x 3-1/4	10	2620-230-B	—	CE
12	20/10	2	2 in parallel	Ring Terminals	Two-6'	15-2/3 x 6-1/2 x 2-1/2	13	2633-230	—	CE
12,24,36	10/10/10	3	3	Ring Terminals	Three-6'	12-5/8 x 6 x 3-1/4	13	2631-230	—	CE

1 Custom terminations available; contact factory.

2 Custom cable lengths and configurations available; contact factory.

3 Charger has cUL approval when ordered in bulk pack.

# 115V On-Board Chargers: Standard Models

(Listed by Increasing Output Voltage)



## 2602A-12 (Bulk Pack, cUL)

Input Voltage: 115AC  
Output Voltage: 12V  
DC Amperage: 2A@12V  
Output Cables: 1 set, 4' long  
DC Terminations: Ring Terminals  
No. of 12V Batteries: 1



## 2633-B (Bulk Pack) 2633 (Retail Pack)

Input Voltage: 115AC  
Output Voltage: 12V  
DC Amperage: 30A@12V (20A/10A)  
Output Cables: 2 sets, 10' long  
DC Terminations: Ring Terminals  
No. of Batteries: 2 in 12V configuration



## 2608-B (Bulk Pack, cUL) 2608 (Retail Pack)

Input Voltage: 115AC  
Output Voltage: 12V  
DC Amperage: 6A@12V  
Output Cables: 1 set, 4' long  
DC Terminations: Ring Terminals  
No. of 12V Batteries: 1



## 2607-B (Bulk Pack, cUL) 2607 (Retail Pack)

Input Voltage: 115AC  
Output Voltage: 12V or 24V  
DC Amperage: 6A@12V (3A/3A)  
Output Cables: 2 sets, 4' long  
DC Terminations: Ring Terminals  
No. of Batteries: 2 in 12V or 1 in 24V configuration



## 2610-B (Bulk Pack) 2610 (Retail Pack)

Input Voltage: 115AC  
Output Voltage: 12V  
DC Amperage: 10A@12V  
DC Terminations: Hard Wire Posts  
No. of 12V Batteries: 2



## 2611-B (Bulk Pack, cUL) 2611 (Retail Pack)

Input Voltage: 115AC  
Output Voltage: 12V or 24V  
DC Amperage: 10A@12V (5A/5A)  
Output Cables: 2 sets, 4' long  
DC Terminations: Ring Terminals  
No. of Batteries: 2 in 12V or 1 in 24V configuration



## 2611-1-B (Bulk Pack)

Input Voltage: 115AC  
Output Voltage: 12V  
DC Amperage: 10A@12V  
Output Cables: 1 set, 4' long  
DC Terminations: Ring Terminals  
No. of 12V Batteries: 2



## 2613-B (Bulk Pack) 2613 (Retail Pack)

Input Voltage: 115AC  
Output Voltage: 12V or 24V  
DC Amperage: 15A@12V (5A/5A/5A)  
Output Cables: 3 sets, 4' long  
DC Terminations: Ring Terminals  
No. of Batteries: 3 either in a 12V+24V configuration or 3 in 12V



## 2614-B (Bulk Pack) 2614 (Retail Pack)

Input Voltage: 115AC  
Output Voltage: 12V  
DC Amperage: 15A@12V (10A/5A)  
Output Cables: 2 sets, 10' long  
DC Terminations: Ring Terminals  
No. of 12V Batteries: 2



## 2620-B (Bulk Pack) 2620 (Retail Pack)

Input Voltage: 115AC  
Output Voltage: 12V or 24V  
DC Amperage: 20A@12V (10A/10A)  
Output Cables: 2 sets, 6' long  
DC Terminations: Ring Terminals  
No. of Batteries: 2 in 12V or 24V configuration