

# GEN MINI

**WATERPROOF  
ON-BOARD  
BATTERY CHARGERS**

## Smart Battery Charging In Rugged Environments

GEN Mini On-Board Battery Chargers are rugged and compact waterproof chargers for 12V lead acid batteries. They can be mounted onto virtually any vehicle, like a boat, car, tractor, or RV. Safe to leave connected indefinitely, the GEN Mini interactively diagnoses, recovers, and charges Wet, Gel, MF and AGM batteries chemistries from 20-100Ah and maintains all battery sizes.



### WATERPROOF

100% completely sealed, protects against extreme working environments & rated at IP68



### RECOVERY MODE

Recovers deeply discharged & sulfated batteries with pulse charging



### MULTIPLE BATTERY CHEMISTRY

Safely charges Wet, Gel, MF & AGM batteries



### FULLY INTERACTIVE

Automatically adjusts itself to changing current needs



### ABNORMALITY PROTECTION

Automatically shuts "off" if charger remains in Bulk charge mode for an extended period of time



### DESIGNED FOR SAFETY

Reverse polarity, short circuit, open circuit, spark proof, overheat, overcurrent & overcharge protected



### HF/HE SWITCH MODE DESIGN

High-frequency, high-efficiency for a lightweight, compact charger



### SPECIFIC GRAVITY OPTIMIZATION

A stabilizing charge that optimizes the specific gravity of a battery for increased performance



### RAPID CHARGING TECHNOLOGY

Charges batteries 2X faster than traditional linear battery chargers



### IGNITION PROTECTED

Non-igniting and temperature controlled for safe and worry-free operation



### VARIABLE INPUT COMPENSATED

100% full charge even with varying A/C input voltages



**GEN  
MINI 1**

1 BANK 4A



**GEN  
MINI 2**

2 BANK 8A



4A

4A

**NOCO**   
**genius**

**GEN  
 MINI**

**WATERPROOF  
 ON-BOARD  
 BATTERY CHARGERS**






**IP68**  US  
 Intertek  
 4001276  
 CONFORMS TO UL STD. UL1236  
 CERTIFIED TO CSA STD. C22.2 No.107.2

**geniuschargers.com**



**AC Port Plug**  
 + Integrated Extension Cable  
**GCP1**

**TECHNICAL SPECIFICATIONS**

	<b>GEN1 MINI</b>	<b>GEN2 MINI</b>
Battery Banks	1	2
Amps/Bank	4A	4A
Total Amps	4A	8A
Input Voltage AC	110-120VAC, 50-60Hz	
Working Voltage AC	70-130 VAC, 50-60Hz	
Nominal Voltage	12VDC	12-24VDC
Efficiency	~90%	
Charging Voltage	14.4V	
Back Current Drain	<5mAh	
Ripple	<2%	
Charger Type	8 Step, Fully Automatic, Switch-Mode	
Type of Batteries	12V Lead-Acid	
Battery Chemistries	Wet, Gel, MF & AGM	
Battery Capacity	20-120Ah; Maintains All Battery Sizes	
Housing Protection	IP68	
Cooling	Natural Convection	
Output Leads (Length)	6.3 Feet	
AC Cord (Length)	6.0 Feet	
Dimensions (L x W x H)	6.6" x 3.8" x 2.2"	7.9" x 5.5" x 2.2"
Weight	3.3 lbs	5.8 lbs
	<b>1 BANK 4A</b> 	<b>2 BANK 8A</b>  +  4A      4A

**5 Year**  
 Limited Warranty

**NOCO**   
**genius**