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# GP Batteries

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# GP Batteries

Product Portfolio

## SecureStart Portable Jump Starter



### TMF®-Thin Metal Film

TMF is a patented technology of Bolder Technologies Pte Limited and a battery breakthrough in primary engine starting applications in the auto and marine industries.

As the most powerful, commercially produced battery on earth, it outperforms the competition and has set new performance standards, including:

- High power
- Small size
- Faster recharge
- Stable discharge voltage
- Superior all-temperature performance

### Never Get Stranded Again

- Breakthrough battery technology
- Self-contained - no need to rely on others
- Compact and easy to use
- Starts your car in seconds
- Recharges in minutes
- Holds charge for up to one year

# SecureStart

SecureStart portable jump starter is one of the essential utility tools that every driver should have in their car. It is durable and powerful, self-contained and handy. It starts the engine in seconds and recharges in minutes! Designed to deliver a powerful and long-lasting charge while being lightweight and easy to use, SecureStart is the safest, most reliable product of its type.

SecureStart is powered by Bolder Technologies' patented Thin Metal Film (TMF®) technology. This revolutionary technology combines the best features of traditional sealed-lead battery chemistry with an advanced mechanical construction. The patented mechanical construction results in a battery that can produce very high current in less than 2 millionths of a second!

SecureStart is a ready power whenever and wherever you need it most.



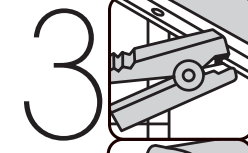

## Major Applications

Starts most V-8 or smaller gasoline-powered engine with a 12 Volt electrical starting system quickly in all weather conditions.

- Cars
- Snowblowers
- Small Trucks
- Motorboats
- Lawn & Garden
- Tractors
- Snowmobiles
- Generators



## Easy to Use

-  **Step 1**  
Check charge by pressing and holding button and observe indicator light. (Turn off vehicle and accessories before making cable clamp connections.)
-  **Step 2**  
With the ignition off, simply attach the red clamp to the positive terminal of the battery.
-  **Step 3**  
Attach black clamp to any other bare non-moving metal part of the engine. Start your car.
-  **Step 4**  
Remove clamps from battery by reversing the above sequence. Clamps tuck neatly in the unit when done.

## Safe and Easy to use Clamps

- Stores neatly
- 18" (46 cm) long cables
- Short-resistant

## Charge Level Indicator

- Audible alarm beep tells you when to recharge

## Breakthrough High Power Battery Technology

- Recharges in minutes
- Lightweight 4.8 lbs (2.2 kg)
- 900 peak amps
- Cranks engines faster
- Holds charge for up to 1 year

## Halogen Flashlight

- For clear visibility in all conditions

# SecureStart



## SecureStart Mini Max 900

- Delivers the same function as SecureStart
- Safe and easy to use with spark-resistant clamps
- Weighs less than 3 lbs (1.4 kg)
- Fits in most glove compartments or side door panels
- Recharges in 5 minutes from car battery for immediate re-use
- Stays charged up to 3 times longer than other instant jump starters
- For SS103 model with fuel gauge indicator and recharges by car adaptor only



## Specifications

Model	SS101Y SecureStart	SS102Y SecureStart Mini Max 900	SS103Y SecureStart Mini Max 900
Application	12V Gasoline engine	12V Gasoline engine	12V Gasoline engine
Charge Level Indicator	LED	–	LED
Cell Used	TMF Lead Acid Battery x 6 GP15NZ Nickel Zinc Battery x 9	TMF Lead Acid Battery x 6 GP15NZ Nickel Zinc Battery x 9	TMF Lead Acid Battery x 6 GP15NZ Nickel Zinc Battery x 9
Nominal Capacity (mAh)	900	900	900
Nominal Voltage (V)	12	12	12
Dimension L x W x H (mm)	115 x 310 x 152	165 x 175 x 58	165 x 175 x 58
Weight (kg)	2.2	1.4	1.4
Adaptor Charge Current (mA)	500	300	300
Standard Charge Time (hour)	24	24	2
Accessories	Wall Adaptor/ Car Adaptor (Optional)	Wall Adaptor/ Car Adaptor (Optional)	Car Adaptor

## Warning / Safety Information

- Read and follow all instructions in the user manual before using the SecureStart.
- Keep out of the reach of children.
- Always insure that the cable clamps are securely stowed away in the clamp holders. Never allow the clamps to touch each other - they will spark and generate heat.
- Working near lead-acid batteries is dangerous! Batteries generate explosive gases during normal battery operation. Extreme care should be taken to insure sparks are not generated near the battery.
- Always wear eye protection and appropriate protective clothing when jump starting a vehicle.
- The charger supplied with the SecureStart uses standard 100-120 Volt or 220-240 Volt household power. If misused, the supply may cause fire or personal injury.
- Do not attempt to disassemble the SecureStart. The TMF PowerPack contained within is capable of generating very high current. This current can cause severe burns or personal injury.
- Use the SecureStart to jump-start automobiles only (Voltage limitation please refer to specification).
- Follow all instructions published by the automobile battery manufacturer.
- The SecureStart contains non-spillable sealed lead-acid batteries. Lead is known to cause cancer and/or reproductive harm. Under normal and appropriate use, there is no exposure to lead from this product.
- Charge SecureStart for 24 hours by wall adaptor or 2 hours by car adaptor immediately after purchase. Remove the battery tag before charging.
- Recharge SecureStart every 3 months for regular care of the product.
- The SecureStart is designed for HOUSEHOLD use only.

