

February 26, 2001

The portable, battery powered EECS305A Lightning™ Automotive Starter delivers high power!

This compact, light weight 12-V power source is capable of starting vehicles with drained batteries.

The EECS305A Lightning™ delivers 1800 peak amps.

- **Low impedance, advanced lead-acid battery makes for optimal starting power**
- **Recharges from vehicle alternator within 4-10 minutes when left connected to the battery terminals after starting**
- **Lightning™ features three methods of recharging internal battery: on car through alternator, AC wall block charger or DC plug-in cigarette lighter adapter**
- **Fast recharge allows unit to be used at full power all day**
- **Two audible tone alerts: intermittent when recharging is needed and constant tone to warn of overcharging**
- **Yellow on-charge indicator light lets you know the unit is charging**
- **Heavy duty battery clamps with insulated foam grips for comfort**
- **Attractive integral case with carrying handle and cable clamp posts**



WARNING

- Wear safety shield.
- Keep flames and spark away from batteries.
- Read and follow instructions.

Get a portable, cordless source of 12V DC power for jump starting vehicles!

Valuable Information
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The portable, EECS305A Lightning™ Automotive Engine Starter shown with included 120V Wall Charger and optional DC in-vehicle adapter for alternator/cigarette lighter recharging.

(NOT FOR AIRCRAFT OR MARINE APPLICATIONS.)

Dimensions:	12"L x 10"W x 4"H
Weight:	6.5 lbs.
Cable Lead Length:	23"
Battery Type:	Maint.-Free, sealed
Peak Amps:	1800
Voltage:	12 VDC
Capacity:	Six to ten starts when used in accordance w/instructions
Audible Tone Alerts:	Two: Discharge/overcharge

internet site

www.snapondiag.com

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Sales Communications Department

Information on the New Battery Technology utilized by EECS305A

This product is based on the totally new TMF (Thin-Metal-Film) battery technology. This means more cranking power for faster jump-starts. The Lightning is rated at more than 1,800 peak amps! This is comparable to battery packs that are 3-6 times larger and heavier. **Sales Demo Tip:** Disconnect the battery from a V-8 gas or diesel engine car/light truck and start the engine using only the Lightning power.

The Lightning has no CCA rating – don't be alarmed – because CCA ratings are not applicable to this new battery technology. CCA tests are made for batteries that are used for both starting and running system accessories. This new battery technology is optimized for starting. The **Peak Amp Rating** is the best way to describe this technology to your customers – the Lightning has more than 1,800 Peak Amps of power!

Please read the following important information. This will help your customers to appreciate the uniqueness of this product. This will also help us to provide you with complete support of this new technology.

- **If the Lightning "Beeps", connect it to a charger immediately.**

The Lightning Start is shipped fully-charged from the Snap-on Manufacturing Plant. After several months on the shelf, the Lightning will become discharged. An internal battery monitor will sound an intermittent alarm "Beep" to remind the user to recharge the Lightning immediately.

For best results, always keep the Lightning on its charger when not in use.

The Lightning will last for many years if not abused. This new battery technology has many benefits as mentioned above, (small size, more power, less weight) but with it comes the need to be continuously charged for improved performance and longer life.

- **Use only approved charging methods for Lightning:**

- The standard wall-block charger included with Lightning;
- The optional DC cigarette lighter adapter (Snap-on P/N 2-8242)
(this functions only when the vehicle is running);
- **Quick-Charge Tip:** Leave the Lightning connected to the battery terminals of a running vehicle (this will normally recharge the Lightning in less than 1 minute after each start).

Before returning a Lightning for service, verify the customer is following proper procedure - if a Lightning fails to provide sufficient power to jump-start a vehicle:

Charge the unit continuously for 72 hours with the wall-block charger – this is necessary if the unit has been severely discharged for a period of time.

All Lightning repair service is handled by the Snap-on Northern Repair Center. If the battery in the Lightning fails after the 6 month warranty period, the Snap-on Northern Repair Center will repair the product for a flat rate of \$95.00.

+Stock <u>Number</u>	+ <u>Description</u>	+List <u>Price</u>	+Price <u>Category</u>	Weight <u>LBS/(KG)</u>
EECS305A	Lightning Port. Auto Engine Starter	\$319.00	J	6.5/(2.94)
2-8242	12V in-vehicle Adapter	\$20.55	J	1.0/(0.45)

* * * *

Sales Material:	Front Page of this Sheet
Family Code:	00NADX990990
Commodity Code:	8507100090
Parts Reference:	To follow
Branding/Product:	Snap-on & Part No.
Branding/Package:	Snap-on & Part No.
Available for Export:	No
Country of Origin:	USA
Warranty Code:	R2
+Inventory Class:	1
+Order Point:	“ ”
Field Assembled Sets Affected:	None

+ Fields for DSS Data Entry

Important:

For accurate testing, ensure a good connection between clamp and post.

Post should be cleaned before connection.

Rock clamp back and forth on post.

Failure to establish a good connection may result in starting failure.