



One BOB-CAT Lane, P.O. Box 469  
Johnson Creek, WI 53038 U.S.A.  
(920) 699 2000  
Fax: (920) 699 6836

## Information Bulletin

### **Maintenance charger offered for the AGM batteries**

**Date:** March 5, 2015  
**Bulletin No:** JC-15-02

**Product Type:** All Z Riders, Stand-On mowers and Electric Start Walk-Behinds equipped with the new AGM (Absorbent Glass Mat) battery.

**Customer Issue:** The documents that are included with a new mower recommend the use of an AGM compatible charger to charge an AGM battery. Owner's may be encountering difficulty locating an inexpensive AGM compatible charger. To resolve this issue we now offer an inexpensive, fully automatic charger (contact your distribution network for pricing). This charger can be left on the battery indefinitely to assure that a good state of charge is always maintained. This charger will pay for itself in extended battery life and customer satisfaction when the mower starts reliably season after season.

**Cause:** Charging requirements are different for AGM batteries (see bulletin JC-14-01 dated 1-1-14 for additional information). Failure to use an AGM charger on these batteries can result in a ruined battery or failure to charge a good AGM battery that is just in a state of deep discharge. NOTE: This maintenance charger will also work on the U1 wet cell batteries. *It is NOT designed for use on large car or truck batteries.*

**Action Required:** Order part #4171973. This would be an excellent item to offer at the time of sale of a new unit. See following page for specifics related to this charger.



**Warranty:** Not Applicable

If you have any questions, please contact our Customer Service Department at 920-699-2000. This bulletin is relevant to the departments checked below. Please circulate as appropriate.

SERVICE ☒ WARRANTY ☐ SALES ☒ PARTS ☒



Item number: **WK12V1000**

Description: Plug-in charger with automatic module rated 12V @ 1000mA for lead acid batteries

Power Unit:	Plug-in Class 2 power unit, UL/CSA listed. Rated 120VAC/12VDC @ 1000mA
Power unit case:	Size 57.8mm (w) x 64.6mm (l) x 49.5mm (h), black PC (UL/CSA listed)
Supply:	120VAC +/-10%, 60Hz
Working temperature:	-10 to 35°C
Automatic module:	In-line charging control module for lead acid battery
Automatic module case:	Size 24mm (w) x 60mm (l) x 18.5mm (h), black, ABS (UL/CSA listed)
Performances:	<p>Rated current 1000mA +/-10% at 12V</p> <p>Rated output voltage switched at 14.5V +/-0.15V</p> <p>Regulated trickle charge voltage at 13.6V +/-0.1V @10mA</p> <p>Short-circuit protected</p> <p>Reverse polarity protected</p> <p>Thermal protected in case of overload</p> <p>Battery discharge prevention in case of mains failure</p> <p>Color LED indicates state of charger</p>
Indicator:	<p>Green - power on (if no battery connected)</p> <p>- trickle charge mode (if battery connected)</p> <p>Yellow - fast charging</p> <p>Red - output short</p>
Output Cable:	AWG#24x2C, with alligator clip.

The information contained on this specification is generally descriptive only and is not intended to make or imply any representation guarantee or warranty. Charger design/specifications are subject to modification without notice.

Ascent Battery Supply, LLC  
925 Walnut Ridge Drive  
Hartland, WI 53029