

## Keep Your Fleet Productive and Efficient

The Advanced Battery Monitoring Solution from JLG takes the guesswork out of managing your electric scissor and boom battery operation. Don't lose valuable productivity time with out-of-service machines: get instant battery diagnostics and charge information to keep your fleet in operation and reduce maintenance costs and time. This solution includes a new **Smart Charger** for machines that provides the real-time data. When paired with the **Mobile Control module**, you can access the data using either the **Handheld Analyzer Tool with Smart Charger** or in the **Mobile Control App**.

### More Time on the Job; Less Time on Maintenance

**Increased Uptime:** Machines that lose charge during the workday slow productivity. Now you can analyze depletion tracking and current status at the fleet level to gain a better understanding of the batteries and charger in seconds.

**Reduced Maintenance and Replacement Costs:** The application's actionable data helps you achieve best charge/discharge practices that can lead to a **40% improvement in battery life**. Additionally, this tool helps **reduce up to 70% of charger replacements** that are performed in error due to a lack of actionable data.

**Time Savings:** Time-consuming charger algorithm changes are simplified, so maintenance can be up to **eight times faster**. You'll spend less time changing batteries and/or chargers, too, for better control of your battery maintenance.



### Features

- Improved State of Charge
- Battery depletion tracking
- Charging history
- Alerts/Notifications (including battery freeze warnings)
- Quickly change the charger algorithm with the handheld analyzer tool

In order to optimize all the features of the solution, including ability to view the app, customer's will need to install a JLG Smart Charger, upload the latest machine software and install the Mobile Control hardware on their machine. In order to view data remotely, customers will need to install ClearSky CAN telematics, coupled with the JLG Smart Charger and Mobile Control hardware

NOTES: JLG Smart Charger comes standard on E-booms and ES Scissors  
JLG Handheld Analyzer Tool Part Number - 2901443

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## JLG's Smart Charger

- Quickly and easily switches between charging profiles for lead acid (wet flooded) sealed AGM or gel battery chemistries and brands
- Safe lithium-ion battery charging
- Stores charge cycle data for up to 255 charge cycles which can be accessed through a built-in USB port

	MODEL	SMART CHARGER			MOBILE CONTROL		
		WHOLE GOODS RELEASE DATE	AFTERMARKET RELEASE DATE	SMART CHARGER KIT PART NUMBER	WHOLE GOODS RELEASE DATE	AFTERMARKET RELEASE DATE	MOBILE CONTROL KIT PART NUMBER
SCISSORS	1930ES, 2030ES, 2032ES, 2630ES, 2632ES, 2646ES, 3246ES	AVAILABLE NOW	OCT 2020	1001255613	NOT AVAILABLE	OCT 2020	1001263426
	ES1932i, ES1932			1001255613		TBD	TBD
	ES1330L, ES1530L, 1532R, 1932R, 2632R, 3246R, R1932, R2632, R2646,		AVAILABLE NOW		1001255597	AVAILABLE NOW	AVAILABLE NOW
	4045R, R4045						1001250533
	ERT2669, ERT3369	TBD	TBD	TBD	TBD	TBD	TBD
BOOMS	E300, E400, E450, E600	TBD	TBD	TBD	TBD	TBD	TBD

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 Charger capable of working with battery management system on lithium-ion batteries

