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Speed, versatility, and performance are all yours with iTOOLco's Cordless Cannon 6K[™]. This portable 6,000 lb. puller is intuitively designed to handle all of your day-to-day wire pulls.

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The built-in capstan switch automatically turns the puller on and off. Simply tug on the rope to start the pull and slack off the rope to shut it down. Delivers dynamic performance in remote locations or areas where power is not yet available.



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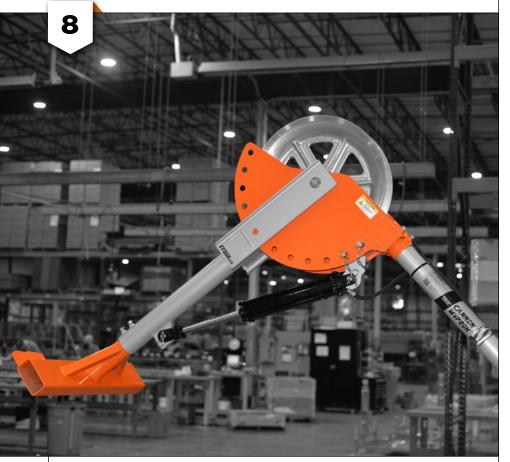
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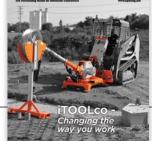
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Photo courtesy of iTOOLco







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Protect Yourself Miller Safety Consultants – *A Leader in Arc Flash Protection*

Vince Miller started Miller Safety Consultants, a veteran owned business in 1999. The goal of the business was to provide cost effective safety consulting, employee training such as: confined space entry, fall protection, electrical safety and provide sales of electrical shock and flash protective equipment and fall protection equipment to businesses in the Washington DC area.

Reliance Industries provided fall protection products and much of the sales and training was on behalf of the supplier. In 2000, the owner decided to retire from his business, and Vince decided to discontinue the fall protection line of his business and concentrate more in the electrical training and products.

Vince had been a distributor for Certified Insulated Products (CIP), a manufacturer of electrical insulated tools and electrical arc flash clothing manufactured by Otex in Rochester, New York. As a distributor, Vince provided sales through his internet website and much through relationships with electrical contractors. His training was a classroom environment and was provided directly to customers but he also taught as a sub-contractor for other safety consulting companies and the Chesapeake Safety Council in Baltimore, Maryland. In 2005, Vince partnered with Vivid Learning Systems in Cascades, Washington to provide on-line training in safe work practices.

Training in electrical safe work practices is still provided locally in the Washington DC area and as a partner with an electrical engineering firm and online. The training is based on the Occupational Health and Safety Administration (OSHA) standards and the National Fire Protection Association (NFPA) 70E standard.

Miller Safety Consultants is now a distributor for Cementex USA, Burlington, New Jersey, for insulated tools and equipment and clothing from OTEX Protective, Rochester, New York.

The majority of his sales of products

are from the web-based store. Cementex is nationally known for their quality equipment. Otex Protective is becoming more known for their quality clothing. For years, they have manufactured their products under other provider labels. Vince chose to not create his clothing line, but to sell the manufacturer product.

Vince has worked with many electrical company employees to fine-tune the clothing to be more comfortable for the user. Working closely with the manufacturer, they have made slight changes in how the cloth pattern was modified to meet final production. An example is the lightweight 40 Calorie vented hood offered by Otex.

The material is of the latest technology. The vented assembly is constructed for balance on the back of the hardhat and the airflow is 27 CFM to prevent fogging of the face shield and provide cooling to the worker. It took over a year to develop the product with the user prior to having the hood "flash tested". This product is now standard issue with many electrical contractors.

Being a small business and having quality providers has resulted in satisfied customers for Miller Safety Consultants. Being a direct supplier for OTEX Protective, another small business means customized customer needs can be met. \Box

For more information, visit Miller Safety Consultants at: www.electricalsafetysupply.com, email Vince at: sales@millersafetyltd.com.



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TOOLCO -Changing the way you work

BY CALVIN JORDAN

ITOOL

iTOOLco

iTOOLco IS A UNIQUE research and development company that has led the electrical tool industry with their groundbreaking designs since 2001. iTOOLco's inventors & Co-Founders David & Michael Jordan have developed and patented countless innovative products, pushing the envelope of what can be done to improve the lives of electricians and distribution partners alike.





iTOOLco has been awarded prestigious accolades, including numerous NECA Showstopper Awards, for its groundbreaking work in the electrical field. Based in Clinton, TN, iTOOLco is dedicated to creating the highest quality American made products, backed by an industry leading 6 year warranty.

cover

STOR

iTOOLco

With real world experience as electrical contractors, brothers David and Michael Jordan have a deep understanding of the kind of quality, time-saving tools electricians depend on for doing the job right. Over the years iTOOLco has revolutionized the wire pulling market with the introduction of the first ever 12,000 lb. puller - the Cannon 12K, with built in reverse. As well as their Cordless Cannon 3K & 6K (the first on the market of each, respectively). Capable of reaching areas where power may not be available, these pullers allow users to achieve the same amount of power, without worrying where it will come from. Also known for their Gear Punch which includes lifetime replacement on draw studs, Tray Rollers, numerous Material Handling solutions, etc. iTOOLco ensures that no matter the job, there is a solution.

With the launch of their latest innovation - The MVP20K; Speed, versatility, and performance are all designed into a unit unlike anything on the market today. Capable of pulling up to 20,000 lbs. The MVP20K allows users to set a maximum load limit and pulling speed, preventing damage to the wire or conduit. The unit attaches to any high flow skid steer and allows the user to control the booms from inside of the cab. With a dual capstan design featured across all of our pulling platforms, the MVP20K is able to offer you two pullers in one. A large capstan offers higher speeds, pulling up to 65' per minute for lighter loads. The smaller capstan is able to take on higher torque for your heavy loads, while still reaching speeds that far outpace the competition. This dual capstan design allows users to reach the full potential of their puller - without compromising the strength of the puller long term. With its versatile and

intuitive design, the MVP20K allows for larger pulls without the need of trailer mounted equipment. Letting users get into harder to reach areas and pull more efficiently then previously possible. The included T-Base has built in hooking points for pulley setups, and an available T-Base makes vault setups a breeze. Engineered with end users in mind - this puller has been designed to simplify heavier pulls. The MVP20K also tackles the challenge of storage space, fully collapsible and capable of fitting on a pallet, this unit ensures you don't lose a large amount of floor space in the small amounts of time it is waiting for the next job.

Creating a Faster Safer Workspace has been a main goal of iTOOLco since the beginning. With the use of the MVP20K – customers have been able to expedite their pulling schedule, finishing wire pulls weeks ahead of schedule. Allowing the customers to meet deadlines in advance during a time where everything seems to be delayed.

With constant delays in the production landscape over the last two years – the

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Appleton™ IHC LED Luminaire





iTOOLco production team has gone above and beyond to keep up with increasing demand during a time where lead times seem to only grow longer. Owners and Co-Founders David & Michael Jordan credit this to making their products in America. "Being able to walk out into the shop every day and lay eyes on the product and have my thumb on what is going on is critical," said David. David and Michael take great pride in building their team - with the belief a good team is the core of the company. By creating a demo style that changed the way live demos were approached - the iTOOLco sales team creates an interactive experience for its customers. "We have the best sales team in the industry, hands down." Says Michael - who has spent countless hours in the field himself ensuring the team has the best person to person training to meet customer needs. With a fully equipped demo trailer, the team travels the country from state to state - providing an indepth product break down and training wherever they are needed.

Wanting to make sure all aspects of customer care are taken to the highest level, iTOOLco has been determined since day one to provide a different experience for its customers. Coming in from the start with an industry leading 6-year warranty, and a service team



that not only is responsive – but truly understands that there is a person at the other end of the call. With a regular turnaround time of within a week, from shipment of your item to the warehouse and back to you. The service team is determined to get your product back to you as soon as possible. "We understand things happen, and we will do our best to fix the issue and get your tool



back to you as fast as possible" said Maria Jordan – head of customer care. "Service to our customers has always been held to a higher standard and that won't stop anytime soon."

With the launch of their latest website, submitting a request for quote has never been easier. "With our new "add to quote" feature - customers can build their package and get a quote the same day, usually within an hour. Our inside sales team will also provide them with their closest distributor and connect them. As well as answer any questions they have about the products they are interested in" said Calvin Jordan -Director of Marketing. "Connecting with our customer base is crucial to our success, and we want to make the process as easy as we can for them. The new site allows customers to easily take 360 spins of the products, access cut sheets, product videos, and much more.

If you are interested in keeping up with iTOOLco, follow us on our socials @itoolco on any platform, there we keep you updated on our latest innovations. You can also keep up by going to the bottom of our website and signing up for our newsletter.

Want to find out more or schedule a live demo? Visit us online www. iTOOLco.com or give us a call at 865-670-3713. □



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The Mercmaster Connect LED provides facility managers with continuous monitoring of their LED lighting with real-time insights gained into sustainability goals, diagnostics and lumen levels from any remote location at dramatically lower costs as compared to wired alternatives, with faster installation time and minimal disruption to plant operations.

Learn more at: masteringled.com



CONSIDER IT SOLVED

Southwire Opens New Office in Medford, New York

Carrollton, Ga.-based Southwire Company recently celebrated the opening of its new office in Medford, N.Y. The opening of this office comes as Southwire has expanded its business with the acquisition of Topaz Lighting Corp. in December 2021.

industry

NFWS

"This has been a long time coming, and the acquisition of Topaz has been very important," said Brandon Moss, president of Southwire's Tools, **Components and Assembled Solutions** (TCAS) business unit. "As we met individuals, we were extremely excited about the talent of this organization. I am really excited that we can get this talent back together and have a facility to do so. We are committed to the employee base here and this location, and we are focused on investing in the local community — as we do in every community we join - and making it better than it was before."

During the grand opening event, Southwire Medford employees were joined by the company's executive leadership team, the local sales staff and members of the team at Brazill Brothers & Associates, the sales agency that represents Southwire in the New York metro area.

"One of the things that is important to me is meeting people face to face," said Michael Griesi, Southwire's vice president of Strategic Sourcing and Customer Experience. "When Southwire acquired Topaz, it was challenging to embrace so many new people into the Southwire family because we were



working remotely. Now that we have a facility to visit and spend time with everyone, I've seen what a wonderful team we have here."

To commemorate the facility's grand opening, local Assemblyman Steve Engelbright welcomed Southwire to Medford and presented a certificate of appreciation for Southwire's investment in the local community.

"You have honored us by investing in New York, in Brookhaven Town and in the Medford Community," said Engelbright. "That is really a statement of optimism. It reinforces something that we all understand, which is tremendous growth potential in this vibrant economic community."

Councilmember Jonathan Kornreich expressed similar appreciation for the company and presented a certificate of his own, welcoming Southwire to the Town of Brookhaven.

"You understand the quality of our local workforce and have made that investment," said Kornreich. "We are very happy to have you here and support your desire to get involved in the community."

For more information about Southwire's acquisition of Topaz, please visit the company's Newsroom online at www.southwire.com/blogs/ topaz.

ABOUT SOUTHWIRE

A leader in technology and innovation, Southwire Company, LLC is one of North America's largest wire and cable producers and an emerging influence in many important electrical markets. Southwire and its subsidiaries manufacture building wire and cable, utility products, metal-clad cable, portable and electronic cord products, OEM wire products and engineered products. In addition, Southwire supplies



assembled products, contractor equipment, electrical components, hand tools and jobsite power and lighting solutions, and the company provides a variety of field and support services to customers around the world. For more information about Southwire's products, its community involvement and its vision of sustainability, visit www.southwire.com.

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Moves will Enhance Customer Service and Drive Collaboration within MaxLite

MaxLite, a leading innovator in the LED lighting industry, announces it will relocate its headquarters in the fall to a single office in Montville, New Jersey.

industry

The new headquarters will consolidate existing facilities in West Caldwell, New Jersey. Featuring a large state-of-the-art training center and showroom, it will provide better space for representatives and customers to learn more about MaxLite's extensive lighting portfolio, including its awardwinning c-Max line of controls and M-Series outdoor products.

"This move will bring our teams together, foster greater collaboration and innovation, and strengthen our Ease of Doing Business approach," said Spencer Bolgard, MaxLite's President and Chief Executive Officer.

The move is part of a continued plan to increase the company's efficiencies and deliver world-class service across North America. As part of the headquarters relocation, MaxLite will also be shifting its New Jersey warehouse operations to its new state-



of-the-art facility in Indiana. Opened in March, the Greenwood, IN distribution center has significantly improved service and delivery to customers in the Central region and will now service territories previously supported by the New Jersey center.

The energy-efficient Indiana distribution center maintains robust stock levels and supports deliveries to customers throughout the continental U.S. in three days or less. The shift to this facility will minimize multiple shipments across distribution centers, improving order fill rates and service levels. This facility will also support quick-ship orders and opportunities throughout the Northeast. At the same time, MaxLite plans to offer local availability of its top-selling items in the Northeast.

"We're pleased to capitalize on the efficiencies gained by doubling the size of our distribution center in Indiana earlier this year. Consolidating warehouse operations in Indiana will drive better service, higher value, and faster delivery for our customers," said Brendan Drew, Senior Vice President of Operations and Supply Chain.

Both initiatives are in line with MaxLite's expansion efforts and in keeping with the company's Ease of Doing Business approach.

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ABOUT MAXLITE

MaxLite has been committed to providing energy-efficient lighting products since 1993. One of the first movers into LED technology in the industry, MaxLite offers an extensive line of quality, certified indoor and outdoor LED lamps and luminaires. A

five-time recipient of the ENERGY STAR Partner of the Year Award for its industry leadership, MaxLite continues to be at the forefront of energy-efficient technologies through the innovative research and development capabilities of its teams and facilities in New Jersey, Indiana, California, and globally. MaxLite is a nationally certified Minority Business Enterprise (MBE) by the National Minority Supplier Diversity Council. For more information, call 800-555-5629, email info@maxlite. com, or visit our website at www.maxlite.com. Follow us on LinkedIn, Facebook, Twitter and Instagram.



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DMF Lighting Introduces Modular Residential Downlighting Solution

DMF Lighting, a leading designer and manufacturer of premium modular LED downlighting systems, today announced the introduction of the H Series, a high-performing recessed downlighting, whole-home solution. Combining an award-winning modular design — featuring a single, compact, field-adjustable LED light module — with reliable performance, the ENERGY STAR® Certified LED downlights offer field-selectable lumens, Natural Warm Dim technology, quality construction and contractor-friendly installation features — all at an attainable cost.

"Our engineering team has worked to perfect this residential downlighting solution for two years," said Ken Czech, vice president, New Product Development, DMF Lighting. "We're excited to deliver a versatile home lighting solution that simplifies selection, ordering and installation, while providing unmatched performance."

The versatile LED module's field-selectable lumens switch allows three low-glare brightness levels (350, 750 or 950 lumens) for various applications needs, including ceiling heights up to 12 feet, which simplifies installation.

The H Series features a high 90+ color rendering index (CRI) and when dimmed with a standard dimmer (down to 5%), the integrated Natural Warm Dim technology provides a warm white light for accurate illumination at full brightness (3000K), then smoothly transitions to a relaxing sunset effect (2200K) — all while keeping color accuracy consistent from fixture to fixture. Optimized to provide exceptional performance with any smart home or connected dimmer, the H Series is compatible with Amazon Alexa and Google Assistant smart dimmer switches, among others.

For more information, visit https://www.dmflighting.com/hseries







Nelson Microprocessor-based Digital Controllers Monitor Process Temperatures for Improved Safety, Energy Efficiency and Cost Savings

Emerson is offering a low-cost upgrade for electrical heat tracing systems with its Nelson AXPC100-CM-GP and CM-GP microprocessor-based digital controllers that are engineered to accurately control, monitor and maintain the process temperatures of industrial pipes or tanks in ordinary (non-hazardous) locations. Ideal for replacing aging electro-mechanical thermostats, the controllers achieve cost savings by eliminating the need for several components with a design that integrates sensor monitoring, ground fault leakage detection, and remote alarm contacts into a single enclosure.

By installing the controllers, the end-user brings their heating circuit up to the current requirements for ground fault equipment protection outlined in the National Electrical Code and Canadian Electrical Code. As a standard feature, Nelson AXPC100-CM-GP and CM-GP controllers are programmed to trip when leakage current exceeds the specified maximum allowable amount.

Rugged and reliable, these environmentally-hardened controllers are housed in a NEMA 4X fiberglass reinforced, UV resistant polymer enclosure resistant to rain, snow, hose-directed water and windblown dust. Dual-pole heater switching adds to system versatility, making the controllers suitable for heater voltages from 120vac to 277vac. Broad temperature capability of 0° C to 218° C (32° F to 425° F) increases the range of process operations where they can be installed to deliver outstanding performance, safety and energy efficiency.

For more information, visit www.emerson.com/en-us/automation/nelson



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Leviton Introduces New Type A/C USB Weather-Resistant Charger/Receptacle

Device offers convenient outdoor access to powerful charging

Leviton recently announced the introduction of its Type A/C USB Weather-Resistant Charger/ Receptacle. The receptacle is the first outdoor addition to Leviton's extensive line of In-Wall USB Chargers and can be installed on any GFCI protected circuit to enhance outdoor living.

"Leviton is pleased to offer our customers a safe and reliable outdoor USB charger option," said William Randall, director of product management, residential, Leviton. "The device delivers a convenient way to charge electronics while spending time outdoors, so users never lose sight of, or access to, their smartphones, tablets, laptops, and more."

Made for residential and commercial applications including outdoor kitchens, decks, patios, porches, cabanas, restaurants, parks and more, Leviton's Type A/C USB Weather-Resistant Charger/Receptacle is the industry's first Weather-Resistant USB to utilize an innovative process which provides added protection to electrical components for long-lasting durability. The device features easy-to-install wire lead termination and can be paired with Leviton's durable horizontal or vertical While-In-Use (WIU) Outdoor Covers to meet the requirements of NEC® 406.9B.

The two USB ports deliver a combined total of 5.1A charging current and 25+ watts of power; the USB Type-CTM port provides faster charging. A smart chip recognizes and optimizes the charging requirements of individual devices.

The Leviton Type A/C USB Weather-Resistant Charger/Receptacle is weather-resistant rated to provide added protection against corrosion, UV degradation, and exposure to outdoor elements. The receptacle is also tamper-resistant to help prevent access to the contacts by most non-rated or foreign objects and is available in 15A and 20A models.

For more information, visit www.leviton.com/usb



LAPP Introduces UL AWM-Certified Single-Core OLFLEX® Cables for Extreme Temperatures

LAPP's OLFLEX[®] HEAT 260 SC heat-resistant single-core industrial cable now carries UL AWM certification/cRU AWM I A/B. Ideal for applications subject to extreme temperatures, the OLFLEX[®] HEAT 260 SC cable features polytetrafluoroethylene (PTFE) insulation to provide exceptional resistance to acids, alkalis, solvents, oils, other chemicals and UV exposure.

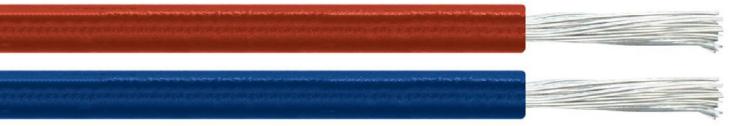
This rugged construction allows OLFLEX[®] HEAT 260 SC to resist cracks during frequent ambient temperature fluctuations while exhibiting a wide temperature range of -190°C to +260°C, with a UL/CSA rating of up to 200°C. The cable also maintains high elasticity and tensile strength, with a minimum bending radius of 10x OD and a fixed installation bending radius of 4x OD. Flame retardance ratings include:

- IEC and EN 60332-1-2
- UL Horizontal Flame Test
- CSA FT1

The silver-plated copper-stranded conductors come in 7-, 19- or 37-wire AWG sizes. In addition, OLFLEX[®] HEAT 260 SC is now available with UL AWM certification (AWM Style 11486 acc. to UL 758), with cross sections from 28 to 12 AWG.

Thanks to the series' small diameters, OLFLEX[®] Heat 260 SC single-core cables are well-suited for space-and weight-constrained applications in mining, chemicals, refineries and metal fabrication industries as well as any environment with extreme temperature variations.

For more information, visit www.lappusa.com





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Electrical

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New all-in-one tool from Megger makes checking EV charge points easy

The EVCC300 is used to check the safety and operation of level 1 and level 2 EV chargers

Technical specifications

- Used following manufacture, installation, repair, or during maintenance and inspection
- · Can perform a variety of safety assessments
- Utilized to perform four key EV charger operation checks
- Connects to SAE J1772 Type 1 and Type 2 charger connectors only

Megger now offers an instrument that can check the safety and operation of level 1 and level 2 EV chargers. The EVCC300 is a convenient, all-in-one tool that helps to make checking electric vehicle charge points simple.

Safety checks

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Used following manufacture, installation, repair, or during scheduled maintenance and inspection, the EVCC300 can perform a variety of important safety assessments, including checking for hazardous voltages; confirming there is a ground connection; ensuring that any exposed metal work is properly grounded; certifying that the charger ground does not rise to a hazardous level when the charger output is on; and timing the device's tripping speed. The unit can also check to see if nuisance tripping or GFCI is likely to occur.

Operation checks

The EVCC300 can also perform four key EV charger operation checks, including a proximity detection operation check to detect whether the latching detection is working properly when testing a type 1 connection; control pilot operation check to read the response state of the charger; control pilot signal check to measure control pilot signal voltage, frequency, and duty cycle, as well as highlight instability in the signal; and an EV charger output check to measure output frequency when charging is in process or check for correct L - N supply polarity.

The EVCC300 connects to SAE J1772 Type 1 and Type 2 charger connectors only. It has a voltage range of 5 V to 300 V, frequency range of 45 Hz to 65 Hz, and an operating temperature range from 0 °C to 40 °C.

For more information, visit www.megger.com



Milwaukee® Delivers 15A Portable Power to their M18™ System

Milwaukee Tool expands their CARRY-ON[™] Power Supply solutions to their M18[™] System to bring on-demand portable power to any jobsite. The M18[™] CARRY-ON[™] 3600W/1800W Power Supply provides the most versatile 15A power, with less hassle.

The push button delivers an instantaneous start, reaching 3600 starting watts/1800 running watts of pure sine wave energy to power everything from high demanding 15A tools to sensitive electronics. The M18[™] CARRY-ON[™]3600W/1800W Power Supply delivers longer sustained peak power through the most aggressive applications, such as table saws and pipe threading.

The M18[™] CARRY-ON[™] 3600W/1800W Power Supply leverages four M18[™] batteries to deliver emissions-free power to the jobsite while eliminating the hassles associated with gas, such as headaches and routine maintenance. Quiet operation and a compact form allow users to carry the CARRY-ON[™] Power Supply in confined spaces, scissor lifts, and utility carts.

Compatible with a shoulder strap (sold separately), the lightweight and compact design delivers maximum portability to allow users to bring power wherever it's needed on the jobsite.

Users no longer have to rely on gas or temporary power sources. As an added benefit, the CARRY-ON[™] Power Supply features USB-C PD and USB-A ports to charge sensitive electronic devices faster.

To meet performance expectations and deliver maximum power, the $M18^{TM}$ CARRY-ONTM 3600W/1800W Power Supply requires four $M18^{TM}$ REDLITHIUMTM batteries to operate. Users can charge $M18^{TM}$ Batteries simultaneously at a 3A standard rate when the product is not in discharge mode. The CARRY-ONTM Power Supply also features lockable battery bays where batteries can be secured with a padlock (not included) to prevent battery theft on the jobsite.

Milwaukee[®] is committed to improving productivity by providing performance-driven and trade-focused solutions so users can perform an entire day's work on one battery system. The new M18[™] CARRY-ON[™] 3600W/1800W Power Supply is fully compatible with the entire M18[™] line, now offering more than 250 power tool solutions.

For more information, visit www.milwaukeetool.com

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