

MPL[®]

TRONIK



Power supplies and power systems



Batteries and battery packs



Cable harness



LED lighting / LED power systems



ODM and OEM project



Cooperation with recognised brands



3000m² warehouse in Poland



Production facility in the company 50 people and in the group more than 200



17 years on the market in 23 countries



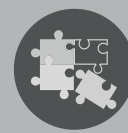
Attractive prices, short lead times and elasticity of order processing



AC 082



DESIGN



PRODUCTION

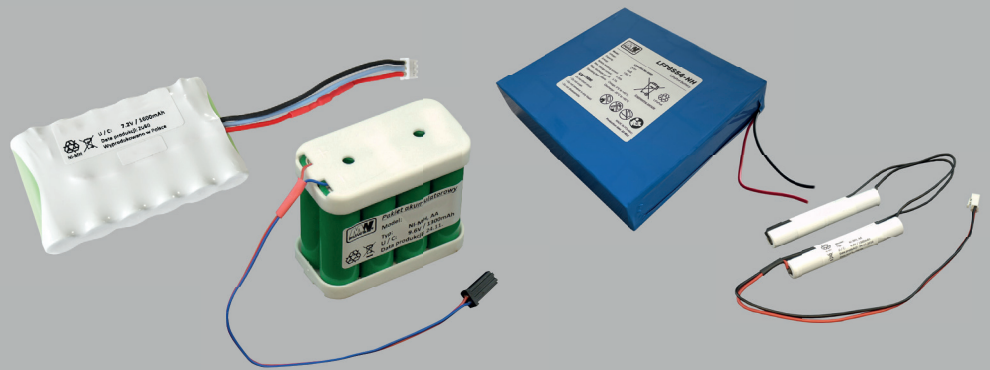


SALE

www.mpltronik.pl

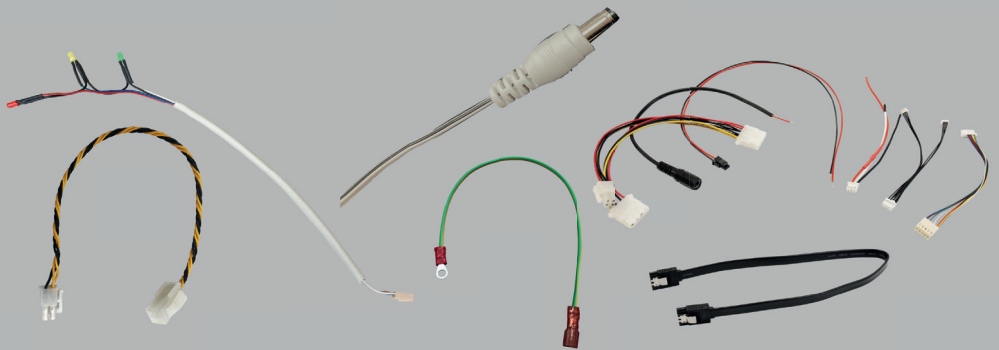
PRODUCTS

BATTERY PACKS



We design and manufacture battery packs where are used rechargeable cells in technologies: Ni-Cd, Ni-MH, Li-ion, LiFePO4 and LiPO. We offer cells of our own import as well as those of global brands. The design process takes into account individual requirements for cells, PCM/BMS modules and operating conditions ensuring compliance with required pack parameters. The manufacturing process includes forming and selection of the cells in each pack. The cells are then combined together to achieve the required capacity and shape of the pack.

CABLE HARNESS



We're equipped with high pressure injection mold machine and manufacture power and data transmission cable harnesses. These are designed according to customer specification and then samples are made to check that the workmanship and compliance with requirements. Thanks to our access to a broad product base of wires, connectors, terminals and connectors, we are able to offer the product made on components from specification as well as on replacement components. This allows the customers to choose the option that meets their requirements and competitive price.

POWER SUPPLIES AND POWER SYSTEMS

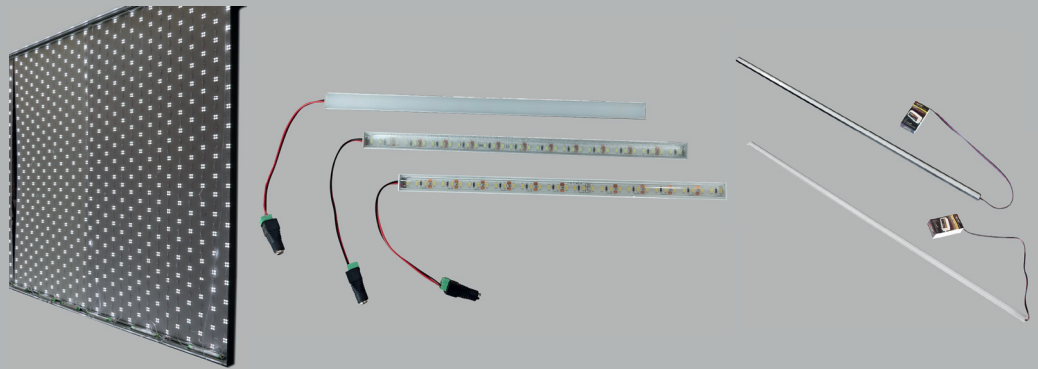
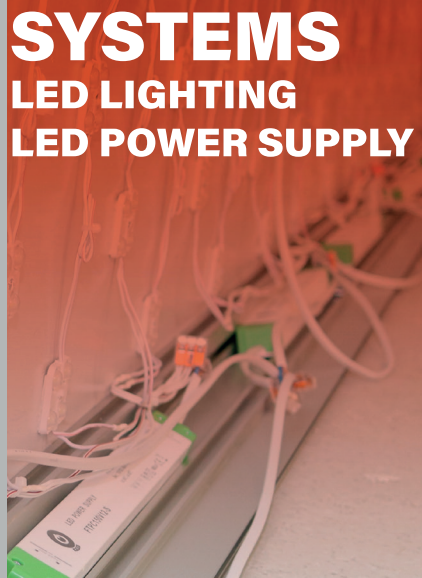


In design and manufacturing process we use our own power supply modules which ensures cost efficiency.

We design electric circuits, PCB, mechanical parts and program microcontrollers

•We prepare prototypes as well as technical and manufacturing documentation. Mainly we deal with:

- Design custom and dedicated additional systems of power supplies for instance alarm signals
- Design additional modules of power supplies for instance back-up battery modules
- Parameters customization for specific customer requirements and implementation of additional equipment power supplies integrated in final product for instance output voltage adjustment, modification of overcurrent protection, add or change wiring, assembly of additional mechanical parts.



In design and manufacturing process we use our own mechanical components (LED profiles and covers) and light sources (LED strips, LED modules) which ensures cost efficiency.

Mainly we deal with:

- Design Led lighting systems by applying modifications of standard products for required led strip and LED profile length, wiring, connectors and supply.
- Design backlight systems made on LED modules for instance backlit advertising board, 3D letters and signs, lighboxes, pylons equipped with supply.



Industrial power supplies



LED drivers, LED power supplies



VRLA AGM, lead-carbon, GEL batteries

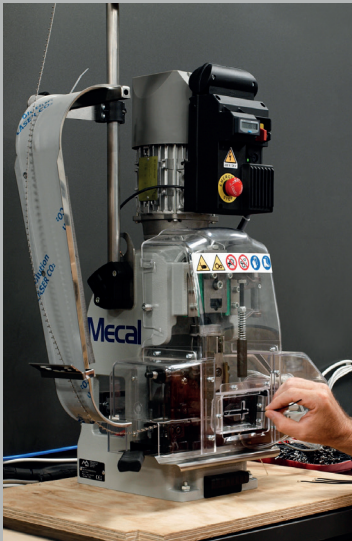
Our products are used and have gained recognition in areas such as:

- LED lighting
- robotics
- cash registers
- medical equipment
- transportation
- home and industrial automation
- telecommunications
- emergency lighting
- LED screens/tables
- photovoltaics

Our best intention is to provide the highest quality of services, we care about our clients satisfaction. We always try to keep best manufacturing standards. This is why our products are designed, tested and manufactured according to applicable standards.

OUR APPARATUS

- Welding machine
- Wire cutting and striping machine
- Crimping machine
- Cell charging and discharging machine
- High pressure injection mold machine



OUR MEASURING INSTRUMENTS

- Multichannel laboratory battery tester
- Climatic chamber
- Infrared Camera
- Electronic AC and DC load
- EMC measurement station
- Power supply and battery measurement station
- Light sources measurement station.

