

GOLD MEDAL - GREENPOWER 2020

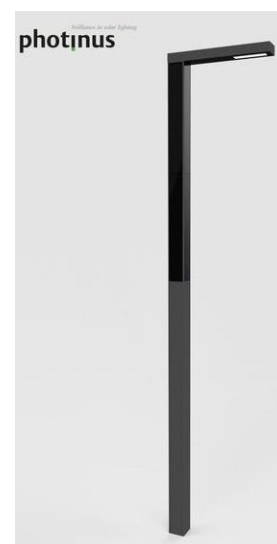


1. MERKUR Solar Lamp

AKADEMIA SŁOŃCA Krzysztof Frąszczak – submitting entity

Photinus GmbH & Co. KG – producer

The Merkur solar lamp manufactured by Photinus from Austria is characterised by modern form and the highest quality components, i.e. LED luminaire, LiFePO4 battery and innovative PV panels, integrated with the pole structure. Perfect for placing in public places. The modern form fits perfectly into any type of space. With the use of PV panels and an energy storage system the lamp may be installed regardless of the availability of electric power supply.



2. Mobile Energy Bank Power[Pack]

T&T PROENERGY Sp. z o.o. – submitting entity

TABAKA DYNAMIC Sp. z o.o. – producer

This mobile power bank can be used both to provide power on the construction site and in places with limited access to energy networks. Thanks to the use of a multifunctional solar power supply solution, the bank may be charged both from the power grid and from a set of PV modules. With the GPS communication module it is possible to constantly monitor the operation of the "Power Pack" in terms of both the charge level and energy flow. Thanks to the light trailer (DMC 750 kg), the power bank is very mobile and does not require additional permissions to move with it.



3. Modern induction heating – Nikola 1®

PV Energia Polska Evan s.c. – submitting entity and producer

Nikola 1 induction heating is one of the most innovative and green heating systems in the Polish market. Its task is to provide the required amount of heat and electricity to buildings, thus not bringing additional operating costs. Zero emissions, fuel purchase and operation of the device. The motto that accompanies the implementation of the product is “Heat, save, change the world – with the energy of the sun.”



4. Decontamination platform

T&T PROENERGY Sp. z o.o. – submitting entity
01 CYBERATON PROENERGY S.A. – producer

It is a device for footwear asepsis, applicable in communication routes directly in front of checkouts, waiting rooms in public areas, companies or private homes. Its task is to disinfect footwear to reduce the transmission of viruses, including COVID-19. After placing in the desired place, it is ready for operation and does not require constant supervision or refilling of disinfecting agent, it is safe and, when properly used, it guarantees full disinfection of footwear.



5. SOLUXTEC 330 Wp. GEMINI Module

SOLUXTEC GmbH – submitting entity and producer

The modules of the MONO series by Soluxtec are currently the most powerful photovoltaic modules of German production, which are still produced using only 60 cells. Soluxtec modules have now been optimised for performance and power. This is the next step to set trends in the development of European solar technology. The efficiency of almost 20% was achieved thanks to the use of high-quality components, full automation of the production line and a multi-stage control system for all stages of production. Soluxtec provides a standard 20-year product warranty, which is a confirmation of high product quality and a model for other European solar module manufacturers.



6. “MEB Green Island” microgrid system with energy storage

MEB TECHNICAL Sp. z o.o. / MEB GROUP – submitting entity

MEB Technical Sp. z o.o. – producer

MEB Green Island microgrid systems are a solution to the problems of the ongoing energy transformation and, through the use of industrial energy storage in local networks, allow to maximise the use of energy from renewable sources operating in this network with the simultaneous balancing and stabilisation function. The system has a positive effect on the economy of investments, as well as the predictability of energy costs in facilities and in supplied areas. MEB Energy is the leader of the Polish market.



7. PB SMART Photovoltaic systems for flat roofs

CORAB Sp. z o.o. – submitting entity and producer

Corab's new flat roof systems: PB-088 and PB-092 are the answer to the needs of the photovoltaic industry. When designing and producing the systems, the manufacturer from Olsztyn focused on: safety, speed and ease of assembly, a small number of components in compact sizes, which reduces the costs of transport, storage and service of the system. Both systems use the highest quality materials. Steel is covered with anti-corrosion Magnelis coating, resulting in up to 25 years of warranty. PB-088 also uses resistant glass fibre reinforced plastic.

