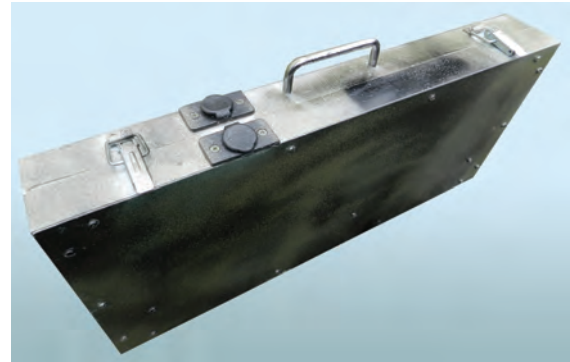


# MOBILE PHOTOELECTRIC STATION FOR POWERING AND CHARGING THE LOW-POWER EQUIPMENT IN FIELD CONDITIONS



Mobile photoelectric station: operating (left) and folded (right)

## Areas of Application

The station is a reliable, efficient, autonomous mobile device for powering and charging low-power devices (mobile phones, radio stations, thermal imagers, tablets etc.) in the field conditions

## Specification

Output voltage, V	12
Output power of station, W	(AM 1.5) $2 \times 10$
Battery capacity, A · h	$2 \times 6$
Dimensions in operating condition, mm	$530 \times 460 \times 35$
Folded station dimensions, mm	$530 \times 230 \times 70$
Weight, kg	7

## Advantages

There are no analogs in Ukraine and the world.  
The station uses highly efficient silicon solar cells that enable operating at low solar radiation.  
All elements are arranged in a hermetic metal case, solar cells are protected with tempered glass.  
The device consists of two independent parts, which significantly increases its reliability

## Stage of Development. Suggestions for Commercialization

IRL6, TRL5  
Manufactured upon request

## IPR Protection

IPR3

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