



## NEUROPUBLIC - Reliable Power for Smart Agriculture



### Company

DISSIOS AEBE Batteries  
HEDNO S.A.



### Location

Greece, EU

### Product

GP12120

### Installation Date

June 2024

### Application

Agricultural IoT Network  
Power Supply

NEUROPUBLIC S.A., a leader in agritech, developed "giasense", Greece's first large-scale IoT-based smart farming system. Using thousands of "gaiatron" agro-meteorological stations, "giasense" collects real-time data from air, crops, and soil across agricultural fields. Every ten minutes, data from each station uploads to NEUROPUBLIC's cloud-based IoT platform, where it is integrated with satellite data to deliver real-time guidance. This innovative infrastructure supports precision agriculture, optimizing resources and enhancing productivity for farmers across Europe.

To meet the demanding requirements of stable operation in challenging outdoor conditions, CSB's GP12120 battery has been introduced via Greek Distributor, DISSIOS AEBE Batteries to become the ideal choice for NEUROPUBLIC's smart farming project. Not only does it meet the needs of stand-alone IoT devices, but it also provides long-lasting, stable power that is well-suited for unregulated outdoor environments, with performance far exceeding that of standard VRLA batteries. After years of laboratory testing and field deployment, GP12120 has earned NEUROPUBLIC's trust for its exceptional durability and high cost-effectiveness. Its low self-discharge design and high-purity lead construction ensure a steady power supply, even after extended standby periods, making it ideal for long-term agricultural IoT deployments. Additionally, CSB's reliable supply chain further supports the consistent power demands of the smart farming project.

NEUROPUBLIC states: "CSB batteries have been our top choice since the start of the 'gaiatron' weather station project. For ten years, CSB's batteries have supported our equipment with outstanding pricing, quality, and durability, becoming a trusted long-term partner in the demanding field conditions we face."