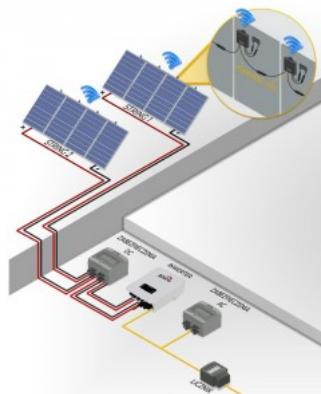


## Controller GNE TEK Beebox-H PLC IP65

**Product code 16484**

Brand [GNE TEK](#)  
 Protection class IP65  
 Height 65.0mm  
 Width 210.0mm  
 Length 220.0mm  
 Weight 880g  
 Operation temperature -20...60°C  
 Certificates CE, LVD, EMC  
 Warranty 10 years

Beebox-H has an emergency shutdown function, which can be activated either over the internet network or directly from the device. The GNE rapid shutdown system consists of modules behind the solar panels (optimizers) and the control device Beetrans. The modules behind the panels communicate with the control device Beetrans PLC (Power Line Communications). By default, the optimizers are turned off. When the sun shines on the panel, Beetrans sends a signal to the modules (optimizers), and the system opens the circuit of those modules that are producing electricity. If there are malfunctions in the solar panel system, the Beetrans control device disconnects the panels from the circuit. The same happens when pressing the emergency button on the controller - the Beetrans shutdown signal is sent to the modules (optimizers), and each solar panel in the system is disconnected from the circuit. Only individual panel voltages below 60V remain in the system. Up to 60 optimizers can be connected in two strings behind one controller. Works with Honeybee optimizers.



## Optimizer GNE TEK Honeybee 650-PLC 1500V 12-75V 650W IP68

**Product code 16483**

Brand [GNE TEK](#)  
 Supply voltage 12-75V  
 Output 650W  
 Maximum output 650W/1m  
 Rated current 15000mA  
 Protection class IP68  
 Height 25.0mm  
 Width 110.0mm  
 Length 130.0mm  
 Weight 588g  
 In package 1pc  
 Work environment outdoor use  
 Operation temperature -40...85°C  
 Certificates CE, LVD, EMC  
 Warranty 10 years

