



POWER
OPTIMISER
More energy

Swarm & Beehive



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Product Features

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- ⚙ Automatic dynamic networking, with self-healing function
- ⚙ Multiple communication methods
- ⚙ Automatic primary route relay function
- ⚙ Local or remote shutdown in emergency circumstances



POWER OPTIMISER

More energy

Product Code

Swarm

INPUT

Working Voltage

12 V

Working Current

25 mA

Power Consumption

≤0.3 W

Installation Specification

Connector

RS485*2

Wireless Range

(Swarm to Honeybee)≤30m

Wireless Band

915 M/2.4G Hz

Max No. of Bees

≤200 Pcs

Size

124 x 99 x 32 mm

Weigh

155 g

Working Temperature

-40 ~+85

Ingress Protection

IP65

Safety Standards

EN 62368-1:2020+A11:2020

Communication

EN 50663: 2017, EN 62479: 2010
EN 301 489-1 V2.2.3, EN 301 489-3 V2.1.1, EN 300 220-2 V3.1.1

Product Code

Beehive

INPUT

Working Voltage

12 V

Working Current

250 mA

Power Consumption

≤3 W

Installation Specification

Connector

RS485*2、RJ45、USB2.0

No. of connectable Honeybees

≤1000 Pcs

No. of connectable Swarms

≤5 Pcs

Size

158 x113 x 36.8 mm

Weight

300 g

Working Temperature

-20 ~+60

Ingress Protection

IP20

Safety Standards

EN 62368-1:2020+A11:2020