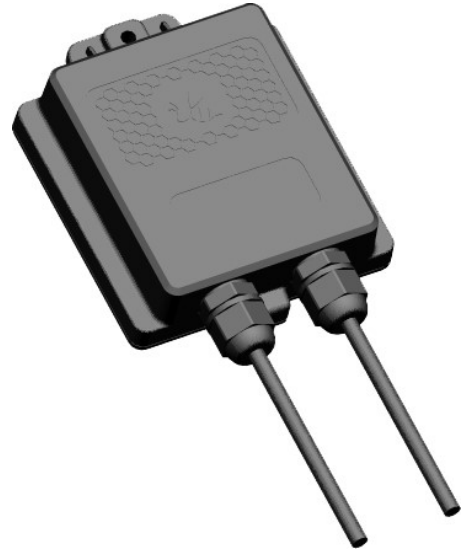




The GNE Swarm is designed to communicate wirelessly with the GNE Optimisers up to 15m away and to gather performance information for online monitoring. The Swarm uses a 2.4GHz radio frequency to communicate with up to a maximum of 200 optimisers, allowing it to easily scale for any residential or commercial installations.

Main Benefits

- » 2.4GHz Wireless communication up to 15m
- » High reliability - IP65 enclosure
- » Lightweight and installs directly onto PV racking
- » Connects with RS485 cables to BPE Beehive



GNE Swarm Technical Specifications

Specification		Swarm - Data Acquisition Unit
Input Power	Voltage	12V
	Current	25mA
	Power Consumption	300W
Installation Specifics	Cable Connection Type	RS485 x 2
	Wireless Range	Adjustable from 6A/8A/10A/12A/16A/20A/25A/32A
	Wireless Band	IEC 62196-2 Type 2 socket only
	Maximum No. of Optimisers	RGB LED and LCD Screen
	Dimensions	External Integrated Isolator Switch
	Weight	ISO/IEC 14443 A/B Mifare RFID reader
	Operating Temperature	Wi-Fi, 4G and Ethernet
	Ingress Protection	Normal, Solar Photovoltaic, Mains Hybrid, Full Speed Mode

