

The Owl - Energy Track Pro Monitoring Solution



The NXTGENbps Owl Monitoring and Power Distribution Box. See how much power you really use. Accurate live monitoring, save and export true energy use data.

Monitor your power consumption from any power source to get a true and accurate report of usage. Individual sockets can be renamed such as per department or equipment. Graph and chart display options at various selectable intervals to record kW, kWh, current, voltage input, power factor, and frequency. Consumption can be monitored as either total consumption or individual sockets.



Designed for ease of use on set for use in existing power set-ups. With the initiative desktop app, take control of your data with exporting via email with various file types including CSV. Six different configurations are available, bespoke on request to alter sockets included.

Warranty Period: 36 Months Warranty on all Parts and Manufacturing Defects

Built to Endure Harsh Conditions: The NXTGENbps Owl Energy Track Pro enclosures are IP rated up to IP67 to provide peace of mind when in poor weather conditions.

Designed and Built in the UK: All of our NXTGENbps The Owl Energy Track Pro Monitoring Box are made locally in the UK and hold Made in Britain certification.



Benefits of The NXTGENbps Owl

Personalised Dashboard connected through the Cloud that can be customised to show you the exact information you require.

Weather, Tariffs, Data Reports, Virtual Sensors, Actions & Alerts and Archival Data Visualisation can all be added to the subscription package.

Ideal for Generator Hire Companies, Event Companies and the EV Charging World to name a few.



Configurations

32A 400 AMP - 1 Way

32A 400v to 1 x 32A 400v Socket.

Enclosure Dimensions: 215 x 475 x 415mm

Inlet: 1 x 32A 400v 3P+N+E, IP67 6h Appliance
Inlet by Mennekes

Outlet: 1 x 32A 400v 3P+N+E, IP67 Panel Socket by
Mennekes - Loop Through (No Protection)

Monitoring: 1 x Rayleigh RI-D440 Multifunction Analyser
1 x Rayleigh RI-EC-LITE Series GSM Communication 2/4G Gateways with Antenna
1 x 20MB Capped Data Bundle Complete with Network Roaming SIM Card - Valid for 24 Months

Extras: 1 x Set of 3 x Green Phase Neon Indicators.

Price: £1365 ex. VAT



32A 400 AMP - 6 Way 16A with RCBOs

32A 400v Distribution to 6 x 16A 230v Sockets with RCBOs.

Enclosure Dimensions: 335 x 475 x 415mm (H x W x D)

Inlet: 1 x 32A 400v 3P+N+E, IP44 6h Appliance Inlet by Mennekes

Outlet: 6 x 16A 230v P+N+E IP44 6h Panel Socket by Mennekes -
Wired 2 Per Phase - Remote Monitored

Protection: Incomer: 1 x Main 100A 4P Isolator Switch by ABB/Doepke -
Breaks All Protected Sockets

Outlet Protection: 6 x 16A /30mA 2P RCBO, Type A, C Curve by ABB/Doepke -
Protects 16A 230v Sockets

Monitoring: 1 x Rayleigh RI-D460 Multifunction Analyser - Displays 3 Lines of Data
2 x 3 Phase CT Pick Up Coils, for data on each socket & overall usage
1 x GSM Communication Gateways with Antenna, 2/4G, Links to Web Dashboard
1 x SIM Card 20MB Capped Data Bundle - Valid for 24 Months

Extras: 1 x Set of 3 x Green Phase Neon Indicators.

Price: £2065 ex. VAT





Configurations

63A 400v - 1 Way 63A

63A 400v Distribution to 1 x 63A - Remote Monitoring

Enclosure Dimensions: 335 x 475 x 415mm

Inlet: 1 x 63A 400v 3P+N+E, IP67 Appliance Inlet by Mennekes

Outlet: 1 x 63A 400v 3P+N+E IP67 Panel Socket by Mennekes - Loop Through (No Protection)

Monitoring: 1 x Rayleigh RI-D440 Multifunction Analyser, 1 x Communication Gateways with Antenna 2/4G, Links to Web Dashboard, 1 x 20MB Capped Data Bundle Complete with SIM Card - Valid for 24 Months

Extras: 1 x Set of 3 x Green Phase Neon Indicators, 1x 8mm Earthing Stud

Price: £1590 ex. VAT



63A 400v - 4 Way 32A

63A 400v Distribution to 4 x 32/3 400v Sockets

Enclosure Dimensions: 460 x 475 x 415mm (H x W x D)

Inlet: 1 x 63A 400v 3P+N+E, IP67 Appliance Inlet by Mennekes

Outlet: 4 x 32A 400v P+N+E IP44 Panel Socket by Mennekes

Protection: Incomer: 1 x Main 100A 4P Isolator by ABB/Doepke - Breaks All Protected Sockets

Outlet Protection: 4 x 32A /30mA 4P RCBO, Type A, C Curve by ABB/Doepke - Protects 32A Sockets

Monitoring: 1 x Rayleigh RI-D480 Multifunction Analyser - 12 x Single & 4 x Three Phase
1 x GSM Communication Gateways Antenna
4 x 3 Phase CT Pick Up Coils, for data on each socket & overall usage
1 x 20MB Capped Data Bundle Complete with SIM Card - Valid for 24 Months

Extras: 3 x Green Phase Panel Neons
1 x 8mm Earth Stud

Price: £2570 ex. VAT



Configurations

63A 400v - 12 Way 16A with RCBOs

63A 400v Distribution to 12 x 16/1 230v Sockets

Enclosure Dimensions: 460 x 475 x 415mm

Inlet: 1 x 63A 400v 3P+N+E, IP67 6h Appliance Inlet

Outlet: 12 x 16A 230v P+N+E IP44 6h Panel Socket by Mennekes
- Wired 4 Per Phase - Remote Monitored

Protection: Incomer: 1 x Main 100A 4P Isolator by ABB/Doepke - Breaks All Protected Sockets

Outlet Protection: 12 x 16A /30mA 2P RCBO, Type A, C Curve by ABB/Doepke - Protects 16A 230v Sockets

Monitoring: 1 x Rayleigh RI-D480 Multifunction Analyser - 12 x Single & 4 x Three Phase, 1 x GSM Communication Gateways with Antenna, 4 x 3 Phase CT Pick Up Coils, for data on each socket & overall usage 1 x 20MB Capped Data Bundle Complete with SIM Card - Valid for 24 Months

Extras: 1 x Set of 3 x Green Phase Neon Indicators

Price: £2800 ex. VAT



63A 400v - 12 Way 6x16A/6x32A with RCBOs

63A 400v Distribution to 6 x 32/1 and 6 x 16/1 Sockets

Enclosure Dimensions: 460 x 475 x 415mm

Inlet: 1 x 63A 400v 3P+N+E, IP67 Appliance Inlet by Mennekes

Outlet: 6 x 16A 400v P+N+E IP44 6h Panel Socket by Mennekes - Wired 2 Per Phase
6 x 32A 230v P+N+E IP44 6h Panel Socket by Mennekes - Wired 2 Per Phase

Protection: Incomer: 1 x Main 100A 4P Isolator by ABB/Doepke - Breaks All Protected Sockets

Outlet Protection: 6 x 16A /30mA 2P RCBO, Type A, C Curve by ABB/Doepke - Protects 16A Sockets
6 x 32A /30mA 2P RCBO, Type A, C Curve by ABB/Doepke - Protects 32A Sockets

Monitoring: 1 x Rayleigh RI-D480 Multifunction Analyser
1 x GSM Communication Gateways with Antenna
4 x 3 Phase CT Pick Up Coils, for data on each socket & overall usage
1 x 20MB Capped Data Bundle Complete with SIM Card - Valid for 24 Months

Extras: 3 x Green Phase Neon Indicators, 1 x 8mm Earth Screw

Price: £2690 ex. VAT



Configurations

125A 400v - 1 Way 125A

125A 400v Distribution to 1 x 125A Socket

Enclosure Dimensions: 335 x 475 x 415mm (H x W x D)

Inlet: 1 x 125A 400v 3P+N+E, IP67 Appliance Inlet by Menneke

Outlet: 1 x 125A 400v 3P+N+E IP67 Panel Socket by Mennekes

Monitoring: 1 x Rayleigh RI-D440 Multifunction Analyser
1 x Rayleigh RI-EC-LITE Series GSM Communication 2/4G Gateways with Antenna
1 x 3 Phase CT Pick Up Coils, for data on overall usage
1 x 20MB Capped Data Bundle Complete with Network Roaming SIM Card - Valid for 24 Months

Extras: 1 x Set of 3 x Green Phase Neon Indicators, 1 x 12mm Earthing Stud

Price: £1815 ex. VAT



125A 400v - 4 Way 125A/63A with RCDS + MCB

125A 400v Distribution to 1 x 125/3, 3 x 63/3.
Main Isolator + Adi RCD + MCB + Remote Monitoring

Enclosure Dimensions: 575 x 475 x 415mm

Inlet: 1 x 125A 400v 3P+N+E, IP67 6h Appliance Inlet by Mennekes
1 x 125A 400v 3P+N+E 6h Panel Socket by Mennekes - Loop Through (No Protection) - Remote Monitored

Outlet: 3 x 63A 400v 3P+N+E, IP67 6h Panel Socket by Mennekes - Remote Monitored

Protection: Incomer: 1 x Main 125A 4P Isolator by ABB/Doepke - Breaks All Protected Sockets

Outlet Protection: 3 x Variable RCD (ELR900) + Shunt with Auxiliary contact +
1 x 63A 4P MCB C Curve by ABB/Doepke - Protects 63A 400v Sockets

Monitoring: 1 x Rayleigh RI-D480 Multifunction Analyser - 12 x Single & 4 x Three Phase, 1 x GSM
Communication Gateways with Antenna, 4 x 3 Phase CT Pick Up Coils, for data on each socket &
overall usage, 1 x 20MB Capped Data Bundle Complete with SIM Card - Valid for 24 Months

Extras: 1 x Set of 3 x Green Phase Neon Indicators, 1 x 12mm Earthing Stud

Price: £3575 ex. VAT



Configurations

125A 400v - 12 Way 16A/32A w RCBOs

125A 400v Distribution to 6 x 32/1, 6 x 16/1.

Enclosure Dimensions: 460 x 475 x 415mm

Inlet: 1 x 125A 400v 3P+N+E, IP67 Appliance Inlet by Mennekes

Outlet: 6 x 32A 230v P+N+E IP44 6h Panel Socket by Mennekes
6 x 16A 230v P+N+E IP44 6h Panel Socket by Mennekes

Protection: Incomer: 1 x Main 125A 4P Isolator by ABB/Doepke

Outlet Protection: 6 x 32A /30mA 2P RCBO, Type A, C Curve by ABB/Doepke - Protects 32A Sockets
6 x 16A /30mA 2P RCBO, Type A, C Curve by ABB/Doepke - Protects 16A Sockets

Monitoring: 1 x Rayleigh RI-D480 Multifunction Analyser, 1 x GSM Communication Gateways with Antenna, 4 x 3 Phase CT Pick Up Coils, for data on each socket & overall usage, 1 x 20MB Capped Data Bundle Complete with SIM Card - Valid for 24 Months

Extras: 3 x Green Phase Panel Neons, 1 x 12mm Earth Stud

Price: £3215 ex. VAT



125A 400v - 12 Way 16A with RCBOs

125A 400v Distribution to 12 x 16/1

Enclosure Dimensions: 575 x 475 x 415mm

Inlet: 1 x 125A 400v 3P+N+E, IP44 6h Appliance Inlet by Mennekes

Outlet: 12 x 16A 230v P+N+E IP44 6h Panel Socket by Mennekes - Wired 4 Per Phase - Remote Monitored

Protection: Incomer: 1 x Main 125A 4P Isolator Switch by ABB/Doepke - Breaks All Protected Sockets

Outlet Protection: 12 x 16A /30mA 2P RCBO, Type A, C Curve by ABB/Doepke - Protects 16A 230v Sockets

Monitoring: 1 x Rayleigh RI-D480 Multifunction Analyser - Displays 3 Line of Data
1 x GSM Communication Gateways with Antenna
4 x 3 Phase CT Pick Up Coils, for daya on each socket & overall usage
1 x 20MB Capped Data Bundle Complete with SIM Card - Valid for 24 Months

Extras: 1 x Set of 3 x Green Phase Neon Indicators, 1 x 12mm Earthing Stud

Price: £3145 ex. VAT