

Elevate Intelligent PDU - Bottom-Fed / Top-Fed



Product Overview

The Elevate Intelligent PDU is a new design featuring 4-way Combination Sockets with Outlet Monitoring as standard. It provides local and remote power monitoring per socket, along with individual socket switching capabilities and cascading power up options.

The Elevate Intelligent PDUs come as standard with combination sockets accepting C13, C15, C19 and C21 power leads and are powered by EN60309 Com16 or Com32 plugs in various quantities, available in both single-phase and three-phase configurations.

They can also be equipped with other socket types, including UK and Schuko sockets.

These PDUs also feature environmental ports for connecting temperature and humidity sensors. For multi-unit deployments, PDUs can be daisy-chained with up to 5 devices monitored from a single IP address using a master PDU. This master comes with free software, allowing remote monitoring via a user-friendly HTML browser interface with secure login. They also feature RJ45 Network ports and a USB Port.

All PDUs are fitted with a Hot Swapable LCD display, providing real-time power usage across all connected devices. You can also set up SNMP and email alerts for critical parameters to ensure proactive monitoring.

- ✓ Individual socket monitoring and remote switching
- ✓ Local colour LCD display
- ✓ Free embedded software for remote management
- ✓ Combination socket for C13, C15, C19 & C21
- ✓ Horizontal & vertical mounting options
- ✓ Available in single-phase or three-phase 16A or 32A
- ✓ Optional sensors: temperature & humidity

Product Specifications

Feature	Values
Technology	Outlet Monitored, individual socket monitoring and switching
Energy metering	RMS volts, RMS amps, kilowatts, frequency, power factor
Metering per input line	Yes
Metering per output receptacle	Yes
Remote outlet switching	Yes
Environmental port	Yes
Networking	SNMP (v1, 2, 3), HTML, HTTP, HTTPS, XML, Email Alerts
Remote management	Yes
Daisy chain	Yes (1 master up to 5 slaves)
Display	Local (remote display optional)
Environmental sensors	Temperature sensor port (up to 8 sensors), humidity/temperature sensor, volt-free contacts (3 sets), door contacts, electronic door handle, card reader/pin pads
Frequency	50 - 60 Hz
Main input	85 - 265 VAC
Colour	Dark Grey

Product Features Explained



Hot-Swappable Controller

In the event that there is any issue or accidental damage to the controller and display of the PDU, this can be removed even when the PDU is in use.

There is a single security screw to prevent unauthorised tampering, but with this removed the display and controller can be removed and replaced.

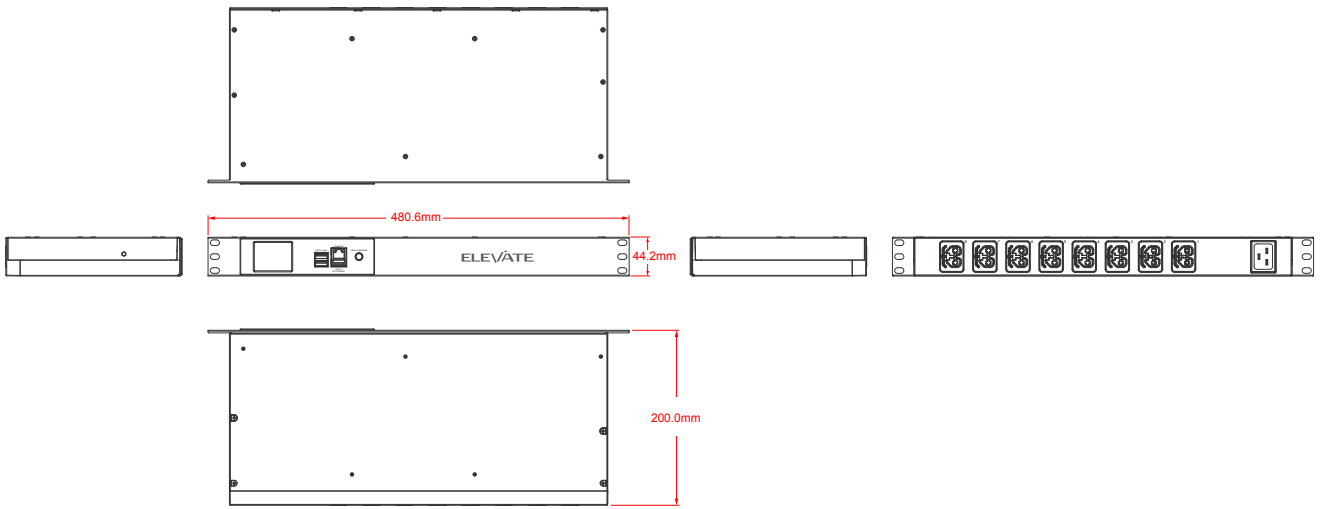


Technical Comparison

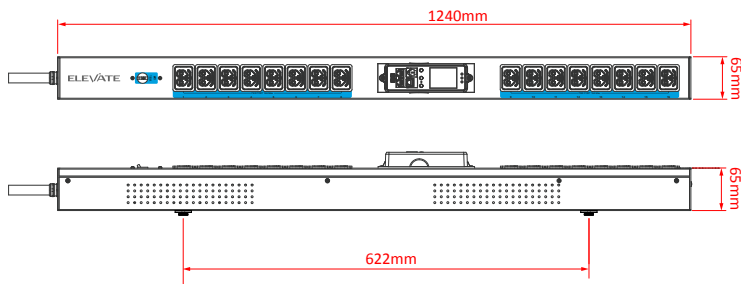
Part Number	Amps	Phase	No Sockets	Mounting Direction	Cable Entry
Horizontal					
575-1H-Com20-OM-08CB-3	20Amp	Single Phase	8 Combi Sockets	Horizontal	Side
Vertical: Bottom-Fed					
575-1V-Com16-OM-16CB-3B	16 Amp	Single Phase	16 Combi Sockets	Vertical	Bottom
575-1V-Com16-OM-24CB-3B	16 Amp	Single Phase	24 Combi Sockets	Vertical	Bottom
575-1V-Com32-OM-20CB-3B	32 Amp	Single Phase	20 Combi Sockets	Vertical	Bottom
575-1V-Com32-OM-24CB-3B	32 Amp	Single Phase	24 Combi Sockets	Vertical	Bottom
575-1V-Com32-OM-36CB-3B	32 Amp	Single Phase	36 Combi Sockets	Vertical	Bottom
575-3V-Com32-OM-20CB-3B	32 Amp	Three Phase	20 Combi Sockets	Vertical	Bottom
575-3V-Com32-OM-30CB-3B	32 Amp	Three Phase	30 Combi Sockets	Vertical	Bottom
575-3V-Com32-OM-36CB-3B	32 Amp	Three Phase	36 Combi Sockets	Vertical	Bottom
Vertical: Top-Fed					
575-1V-Com16-OM-16CB-3T	16 Amp	Single Phase	16 Combi Sockets	Vertical	Top
575-1V-Com16-OM-24CB-3T	16 Amp	Single Phase	24 Combi Sockets	Vertical	Top
575-1V-Com32-OM-20CB-3T	32 Amp	Single Phase	20 Combi Sockets	Vertical	Top
575-1V-Com32-OM-24CB-3T	32 Amp	Single Phase	24 Combi Sockets	Vertical	Top
575-1V-Com32-OM-36CB-3T	32 Amp	Single Phase	36 Combi Sockets	Vertical	Top
575-3V-Com32-OM-20CB-3T	32 Amp	Three Phase	20 Combi Sockets	Vertical	Top
575-3V-Com32-OM-30CB-3T	32 Amp	Three Phase	30 Combi Sockets	Vertical	Top
575-3V-Com32-OM-36CB-3T	32 Amp	Three Phase	36 Combi Sockets	Vertical	Top

Product Drawings

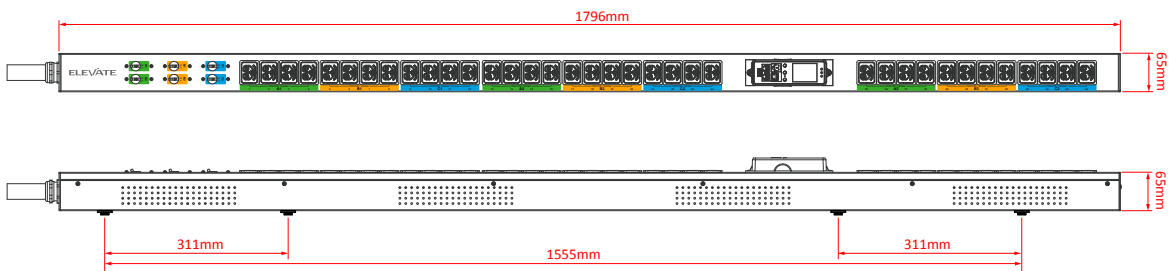
Horizontal Orientation – 575-1H-Com20-OM-08CB-3



Vertical Orientation: Single Phase – 575-1V-Com16-OM-16CB-3B



Vertical Orientation: Three Phase – 575-3V-Com32-OM-36CB-3B



Product Standards

Applicable standard	Detail
BS EN 55032:2015+A11:2020	Electromagnetic compatibility of multimedia equipment - Emission requirements
BS EN 55035:2017+A11:2020	Electromagnetic compatibility of multimedia equipment. Immunity requirements
BS EN IEC 61000-6-1	Electromagnetic compatibility (EMC). Generic standards. Immunity standard for residential, commercial and light-industrial environments
BS EN IEC 61000-6-3	Electromagnetic compatibility (EMC) - Generic standards - Emission standard for equipment in residential environments
BS EN 60730-1	(Applies to internal Relay) Automatic electrical controls - Part 1: General requirements
BS EN 61010-1	(Applies to Power Meter) Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements
BS EN IEC 62368-1:2020+A11:2020	Information technology equipment Safety General requirements
Directive 2008/98/EC (WFD)	Waste Framework Directive — compliant. Implemented in the UK through the Waste (England and Wales) Regulations 2011 (SI 2011 No. 988).
ECHA SCIP Database	Compliant; product does not contain SVHCs (Substances of Very High Concern) as defined under REACH Article 33(1). Submission obligations met under EU REACH and UK REACH.
Regulation (EU) 2019/1021 (POPs)	EU Regulation on Persistent Organic Pollutants — compliant. For Great Britain, compliance is aligned with the Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2020 (SI 2020 No. 1355).
Directive 2011/65/EU (RoHS II)	Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment — compliant. Applies within EU member states.
Directive (EU) 2015/863 (RoHS III)	Amending Directive 2011/65/EU to add four phthalates (DEHP, BBP, DBP, DIBP) to Annex II — compliant.
UK SI 2012 No. 3032	The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (UK RoHS) — compliant for Great Britain. Retained EU law, as amended by the Product Safety and Metrology (Amendment etc.) (EU Exit) Regulations 2019.



Part Number Table

Part Number	Description
575-1H-Com20-OM-08CB-3	Elevate 1P 20A Horizontal Intelligent PDU Outlet Metered 16 Combi Sockets 3m
575-1V-Com16-OM-16CB-3B	Elevate 1P 16A Vertical Intelligent PDU Outlet Metered 16 Combi Sockets 3m Bottom-Fed
575-1V-Com16-OM-24CB-3B	Elevate 1P 16A Vertical Intelligent PDU Outlet Metered 24 Combi Sockets 3m Bottom-Fed
575-1V-Com32-OM-20CB-3B	Elevate 1P 32A Vertical Intelligent PDU Outlet Metered 20 Combi Sockets 3m Bottom-Fed
575-1V-Com32-OM-24CB-3B	Elevate 1P 32A Vertical Intelligent PDU Outlet Metered 24 Combi Sockets 3m Bottom-Fed
575-1V-Com32-OM-36CB-3B	Elevate 1P 32A Vertical Intelligent PDU Outlet Metered 36 Combi Sockets 3m Bottom-Fed
575-3V-Com32-OM-20CB-3B	Elevate 3P 32A Vertical Intelligent PDU Outlet Metered 20 Combi Sockets 3m Bottom-Fed
575-3V-Com32-OM-30CB-3B	Elevate 3P 32A Vertical Intelligent PDU Outlet Metered 30 Combi Sockets 3m Bottom-Fed
575-3V-Com32-OM-36CB-3B	Elevate 3P 32A Vertical Intelligent PDU Outlet Metered 36 Combi Sockets 3m Bottom-Fed
575-1V-Com16-OM-16CB-3T	Elevate 1P 16A Vertical Intelligent PDU Outlet Metered 16 Combi Sockets 3m Top-Fed
575-1V-Com16-OM-24CB-3T	Elevate 1P 16A Vertical Intelligent PDU Outlet Metered 24 Combi Sockets 3m Top-Fed
575-1V-Com32-OM-20CB-3T	Elevate 1P 32A Vertical Intelligent PDU Outlet Metered 20 Combi Sockets 3m Top-Fed
575-1V-Com32-OM-24CB-3T	Elevate 1P 32A Vertical Intelligent PDU Outlet Metered 24 Combi Sockets 3m Top-Fed
575-1V-Com32-OM-36CB-3T	Elevate 1P 32A Vertical Intelligent PDU Outlet Metered 36 Combi Sockets 3m Top-Fed
575-3V-Com32-OM-20CB-3T	Elevate 3P 32A Vertical Intelligent PDU Outlet Metered 20 Combi Sockets 3m Top-Fed
575-3V-Com32-OM-30CB-3T	Elevate 3P 32A Vertical Intelligent PDU Outlet Metered 30 Combi Sockets 3m Top-Fed
575-3V-Com32-OM-36CB-3T	Elevate 3P 32A Vertical Intelligent PDU Outlet Metered 36 Combi Sockets 3m Top-Fed