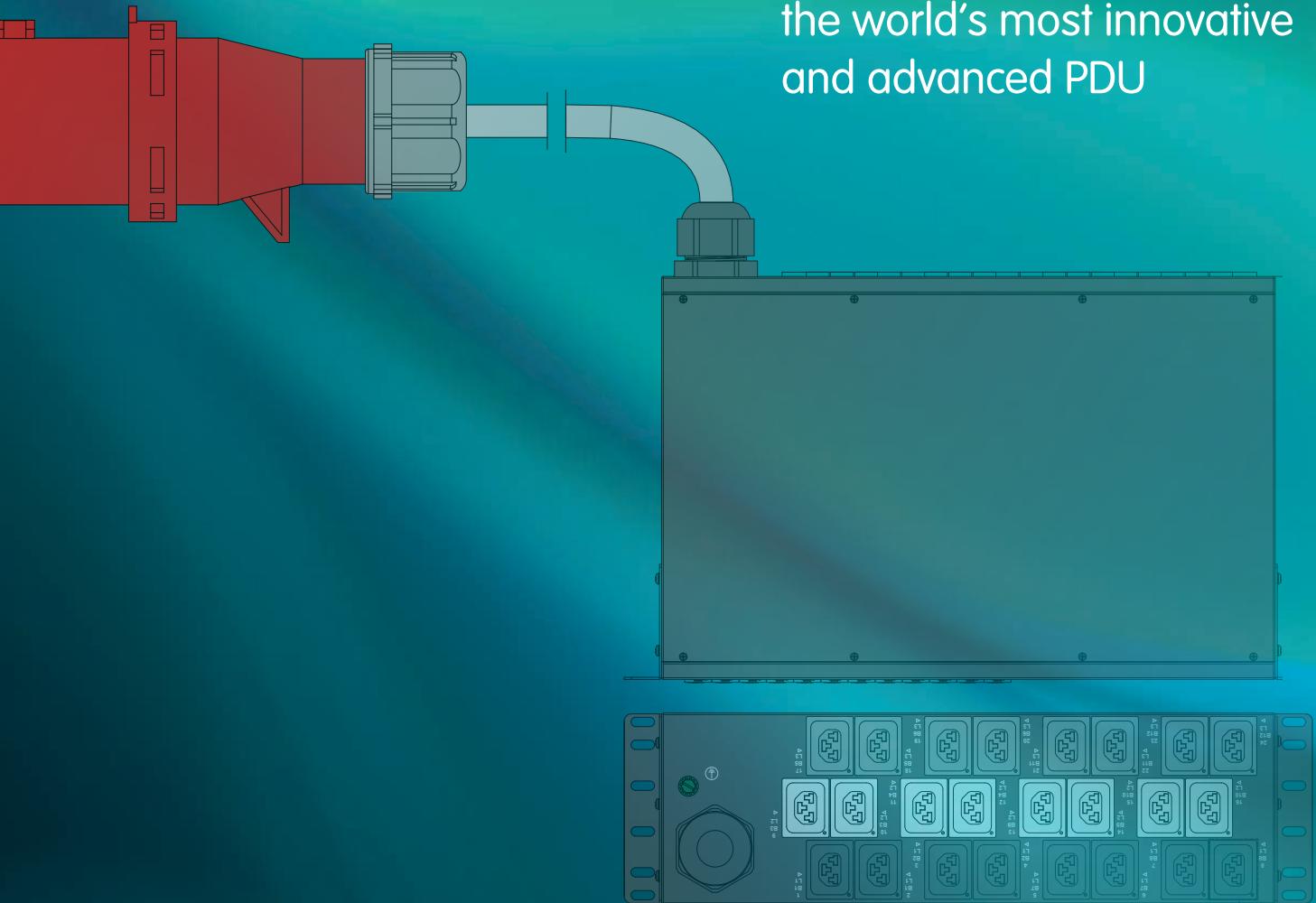


AI, HPC, Data Centre Power Solutions

Structure Source presents
the world's most innovative
and advanced PDU



structure
SOURCE

Making the complex, **simple**

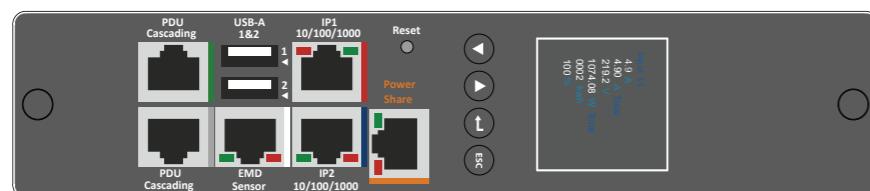
First in class industry innovation

AI, HPC and data centres come with ever increasing power requirements. Selecting appropriate-sized rack PDUs is critical to powering the most complex AI models that demand unprecedented scale. Structure Source rack PDUs have field-proven specific designs to meet their stringent requirements for power capacity, metering, accessory support, and more.

Structure Source is a leading provider of high-quality, customised rack power distribution units (PDUs), and related power solutions to meet the unique needs of demanding datacenters and computerrooms worldwide, releases the new IEX PDU. Designed according to the latest global standards and using the latest technology to provide you with the industry's highest availability and smartest power monitoring distribution.

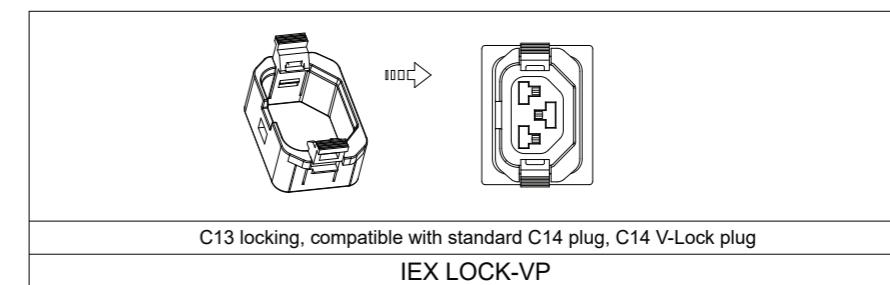
Full capacity all time

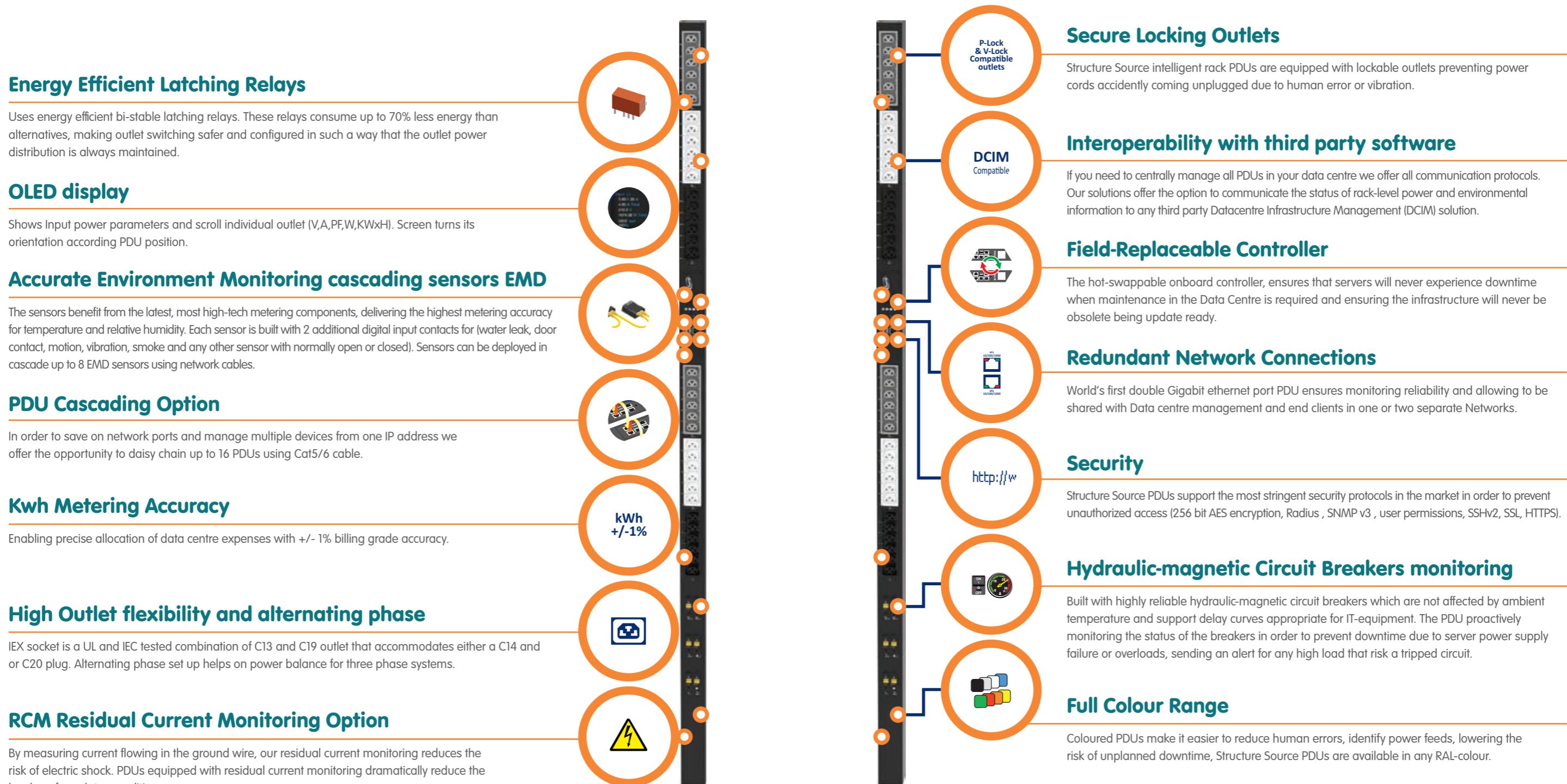
The new IEX socket is a combination of IEC 320 C13 and IEC 320 C19 sockets that allows you the full usage of the PDU, all of the time. If you change or upgrade the rack equipment and it means different input plugs, no problem. The IEX socket accepts the IEC 320 C14 and IEC 320 C20 plugs from your servers or UPS to any outlet socket on the PDU.



Features

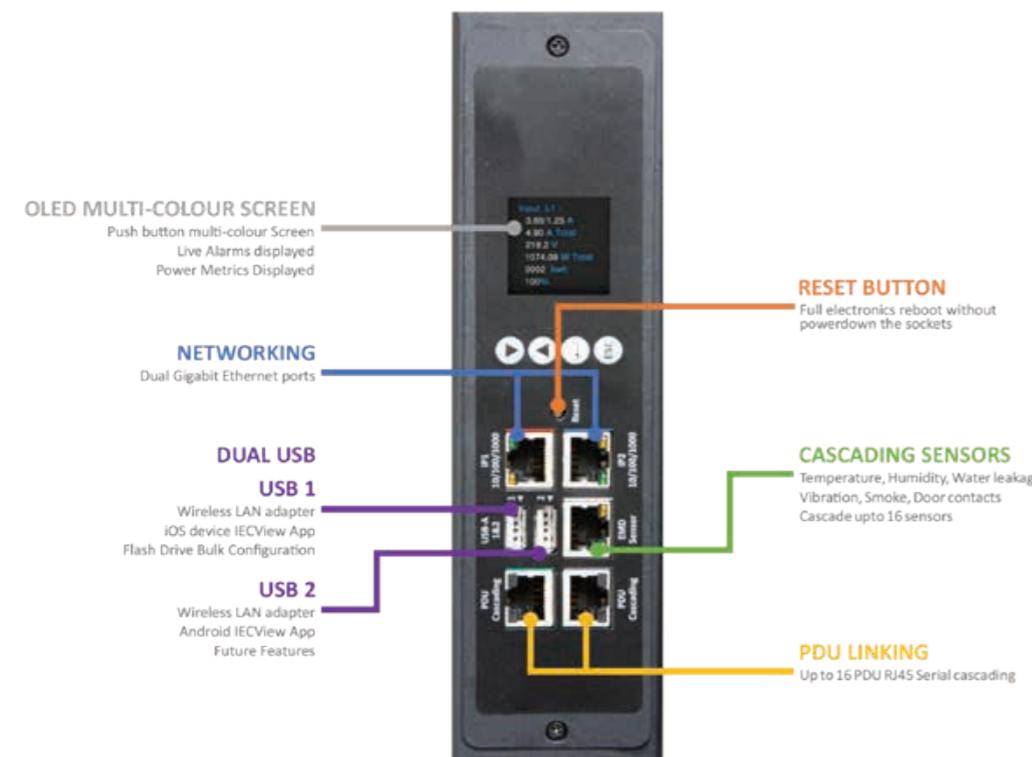
- IEX (C13/C19) all in one combo socket makes the PDU the most versatile, coping with any combination of C14 and C20 plugs.
- PDU cascading allows full control of upto 16 PDUs from one Primary/Master PDU, simplifying the number of IP address required.
- Multi-colour OLED illuminated screen display offering high contrast power usage and alarms.
- Built with overated and high-temperature grade components to allow safe and reliably operation in hot 60° (140°F) environments.
- Alternate branch wiring on 3phase systems helps power load balance.
- Full outlet control for remote On/Off or a timed reboot individual outlets or group of outlets to improve the operation uptime.
- Dual 1GB ethernet port for third party access to the PDU.
- IEX lock standard power cord retention and P-Lock and V-Lock power cord compatibility.





Leading in innovation

IEX PDU is manufactured with the the most advanced hot-swap, field replaceable SNMP IP controller. It is built with dual Gigabit Ethernet ports, an OLED full colour screen, cascading multi-sensor ports, enhanced security, sophisticated alarming and power monitoring across the whole power chain.



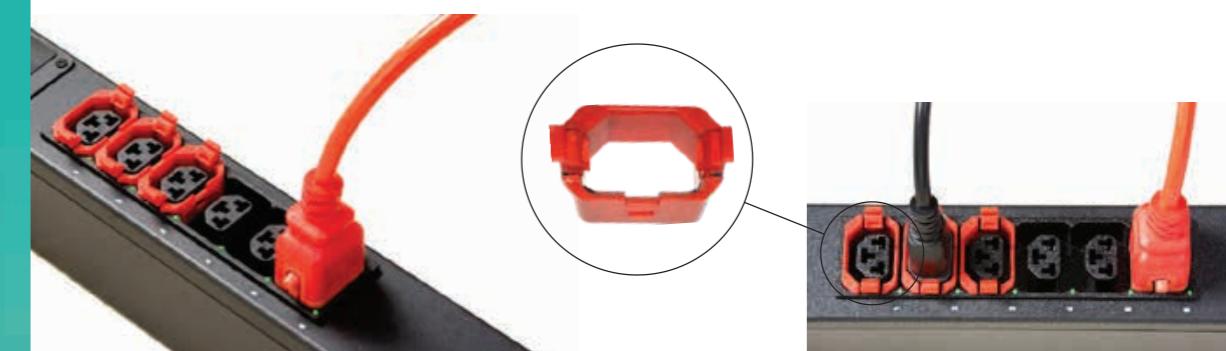
Never get caught out by changing outlet requirements for equipment changes

The new IEX socket is a combination of the C13 and C19 outlet standards that gives the maximum flexibility with the ability to hold both C14 and C20 plugs.

Fully patented and backed by IEC/EN and UL safety certifications it brings reliability in design.

IEX removable locker for C14 plugs and lockable power cords for C20 plugs

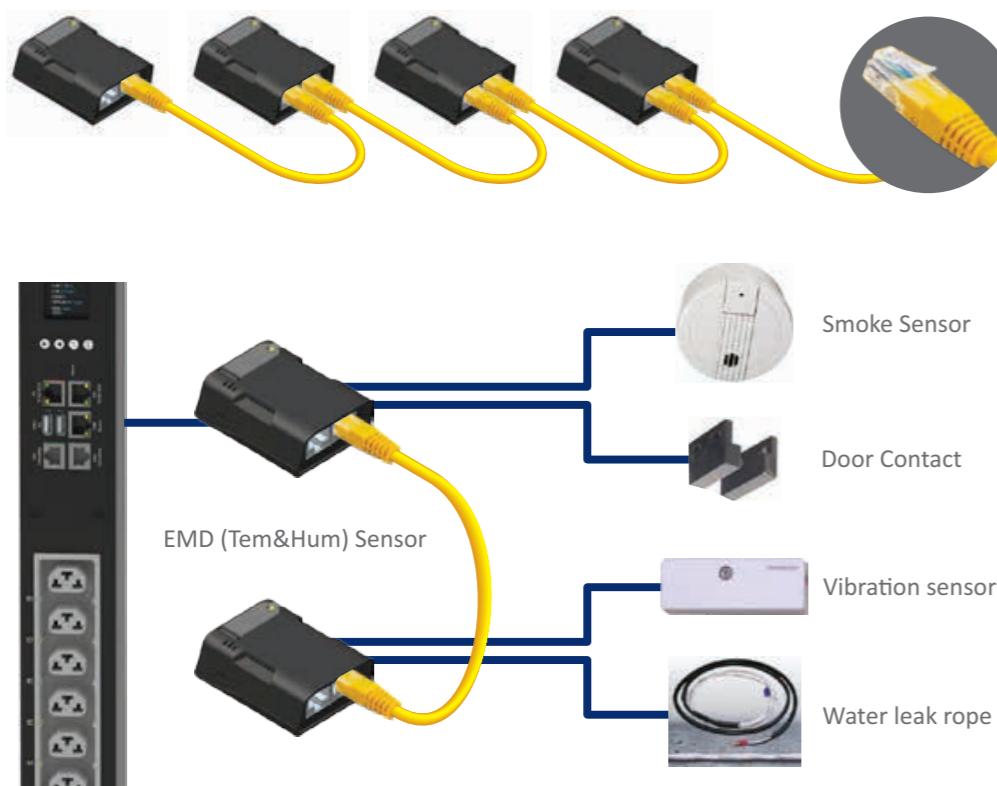
The IEX Lock-VP is a removable component that makes standard C14 plugs lock securely. The C20 Socket design has built in locking compatibility as standard with P-LOCK and V-LOCK plugs.



Flexible Environmental Monitoring With Smart Sensors EMD31

The new EMD31 is a environmental monitoring device that allows you to monitor temperature and humidity and status for 2 digital input sensors such (water leak, door contact, motion, vibration, smoke and any other sensor with normally open or closed).

Sensors can be deployed in cascade up to 8 EMD sensors using network cables.



IEX PATENTED LOCKING SOCKET - POWER CORD SOLUTION

- Low cost locking solution at both ends
- Different colors available
- Patented IEX locking system

- Locking sleeve for C13 and C19 plugs
- VDE, UL approved



C14 - C13 Sleeve H05V-F3G1 mm ²			
Colour	0.5m	1m	2m
Black	✓	✓	✓
Red	✓	✓	✓
Blue	✓	✓	✓



C14PLOCK - C13 Sleeve H05V-F3G1 mm ²			
Colour	0.5m	1m	2m
Black	✓	✓	✓
Red	✓	✓	✓
Blue	✓	✓	✓



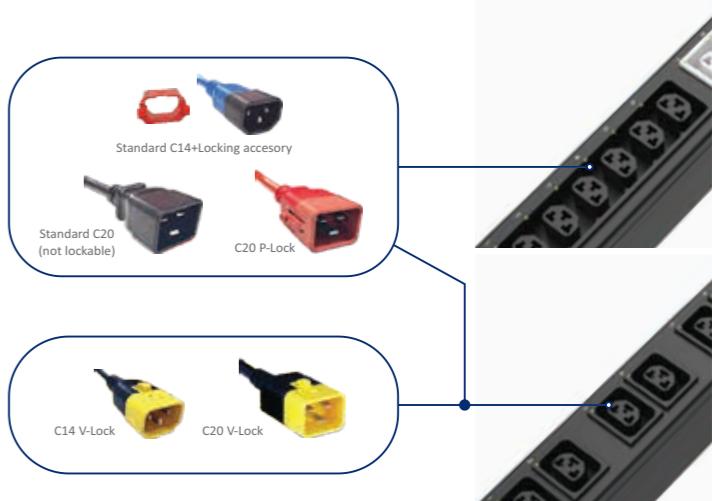
C20PLOCK - C19Sleeve H05V-F3G1,5 mm ²			
Colour	0.5m	1m	2m
Black	✓	✓	✓
Red	✓	✓	✓
Blue	✓	✓	✓



C20PLOCK - C13Sleeve H05V-F3G1 mm ²			
Colour	0.5m	1m	2m
Black	✓	✓	✓
Red	✓	✓	✓
Blue	✓	✓	✓

	BASIC	PM (Local Power Meter)	PIML (Per inlet monitoring)	SMART PIM (Per inlet monitoring)	SMART POS (Inlet monitoring + Outlet Switching)	SMART POM (Inlet + Outlet monitoring)	SMART POMS (Inlet + Outlet monitoring & switching)
Mechanical features	✓	✓	✓	✓	✓	✓	✓
Ultra light aluminium profile Full adjustable mounting options Low profile hydraulic magnetic breakers 10KA Icn C13/C19 combination socket lockable							
Inlet Energy Metering		✓	✓	✓	✓	✓	✓
PDU input energy metering kWh PDU input power measurements (W, VA, VAR) PDU input (A, V, PF, HZ) measurements Circuit breaker monitoring Residual current monitoring (optional) 3 phase balance indicator							
Security		✓	✓	✓	✓	✓	✓
Memory logs for historical data and graphics User and alarms thresholds customizable							
SNMP Controller			✓	✓	✓	✓	✓
PDU cascading (up to 16 PDUs) Hot swappable and replaceable controller Double Gigabit Ethernet port							
Outlet control				✓		✓	
Remote On/Off by individual outlet or groups Power On/Off delay Sequential startup User level security assignable Individual LED x outlet status indicator							
Outlet Metering					✓	✓	
PDU output energy metering kWh PDU output power measurements (W, VA, VAR) PDU output (A, V, PF, HZ) measurements							
Environmental Metering		✓	✓	✓	✓	✓	
Environmental sensor (Temp&Hum) cascading (up to 8) Door contact Smoke detection Vibration Motion sensor Water leakage User and alarms thresholds customizable							
Network and Security		✓	✓	✓	✓	✓	
DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP, v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, Telnet, TCP, RADIUS, Syslog, TLS 1.2, SNTP							

C13/C19 combination outlets compatible Power cords



No. OUTLETS	BASIC	PM (Local Power Meter)	PIML (Per inlet monitoring)	SMART PIM (Per inlet monitoring)	SMART POS (Inlet monitoring + Outlet Switching)	SMART POM (Inlet + Outlet monitoring)	SMART POMS (Inlet + Outlet monitoring & switching)
230V 16A - 1 PHASE							
12	IEX01216AH	IEXP0601216AH	IEXPIML601216AH	IEXPIM601216AH	IEXP0501216AH	IEXPOM601216AH	IEXPOMS601216AH
12	IEX451216AV	IEXP0451216AV	IEXPIML451216AV	IEXPIM501216AV	IEXP0501216AV	IEXPOM501216AV	IEXPOMS501216AV
18	IEX451816AV	IEXP0451816AV	IEXPIML451816AV	IEXPIM501816AV	IEXP0501816AV	IEXPOM501816AV	IEXPOMS501816AV
24	IEX452416AV	IEXP0452416AV	IEXPIML452416AV	IEXPIM502416AV	IEXP0502416AV	IEXPOM502416AV	IEXPOMS502416AV
30	IEX453016AV	IEXP0453016AV	IEXPIML453016AV	IEXPIM503016AV	IEXP0503016AV	IEXPOM503016AV	IEXPOMS503016AV
36	IEX453616AV	IEXP0453616AV	IEXPIML453616AV	IEXPIM503616AV	IEXP0503616AV	IEXPOM503616AV	IEXPOMS503616AV
230V 32A - 1 PHASE							
12	IEXCB601232AH	IEXCBPM601232AH	IEXCBPPM601232AH	IEXCBPPIM601232AH	IEXCBPP0601232AH	IEXCBPPOM601232AH	IEXCBPPOMS601232AH
24	IEXCB602432AH	IEXCBPM602432AH	IEXCBPPM602432AH	IEXCBPPIM602432AH	IEXCBPP0602432AH	IEXCBPOM602432AH	IEXCBPOMS602432AH
12	IEXCB451232AV	IEXCBPM451232AV	IEXCBPPM451232AV	IEXCBPPIM451232AV	IEXCBPP0501232AV	IEXCBPOM501232AV	IEXCBPOMS501232AV
24	IEXCB452432AV	IEXCBPM452432AV	IEXCBPPM452432AV	IEXCBPPIM452432AV	IEXCBPP0502432AV	IEXCBPOM502432AV	IEXCBPOMS502432AV
36	IEXCB453632AV	IEXCBPM453632AV	IEXCBPPM453632AV	IEXCBPPIM453632AV	IEXCBPP0503632AV	IEXCBPOM503632AV	IEXCBPOMS503632AV
380V 16A - 3 PHASE							
12	IEX01216A3PH	IEXP0601216A3PH	IEXPIML601216A3PH	IEXPIM601216A3PH	IEXP0501216A3PH	IEXPOM601216A3PH	IEXPOMS601216A3PH
24	IEX602416A3PH	IEXP0602416A3PH	IEXPIML602416A3PH	IEXPIM602416A3PH	IEXP0502416A3PH	IEXPOM602416A3PH	IEXPOMS602416A3PH
18	IEX451816A3PV	IEXP0451816A3PV	IEXPIML451816A3PV	IEXPIM501816A3PV	IEXP0501816A3PV	IEXPOM501816A3PV	IEXPOMS501816A3PV
24	IEX452416A3PV	IEXP0452416A3PV	IEXPIML452416A3PV	IEXPIM502416A3PV	IEXP0502416A3PV	IEXPOM502416A3PV	IEXPOMS502416A3PV
36	IEX453616A3PV	IEXP0453616A3PV	IEXPIML453616A3PV	IEXPIM503616A3PV	IEXP0503616A3PV	IEXPOM503616A3PV	IEXPOMS503616A3PV
280V 32A - 3 PHASE							
12	IEXCB601232A3PH	IEXCBPM601232A3PH	IEXCBPPM601232A3PH	IEXCBPPIM601232A3PH	IEXCBPP0601232A3PH	IEXCBPPOM601232A3PH	IEXCBPPOMS601232A3PH
24	IEXCB602432A3PH	IEXCBPM602432A3PH	IEXCBPPM602432A3PH	IEXCBPPIM602432A3PH	IEXCBPP0602432A3PH	IEXCBPOM602432A3PH	IEXCBPOMS602432A3PH
24	IEXCB452432A3PV	IEXCBPM452432A3PV	IEXCBPPM452432A3PV	IEXCBPPIM452432A3PV	IEXCBPP0502432A3PV	IEXCBPOM502432A3PV	IEXCBPOMS502432A3PV
36	IEXCB453632A3PV	IEXCBPM453632A3PV	IEXCBPPM453632A3PV	IEXCBPPIM453632A3PV	IEXCBPP0503632A3PV	IEXCBPOM503632A3PV	IEXCBPOMS503632A3PV
42	IEXCB45232A3PV	IEXCBPM45232A3PV	IEXCBPPM45232A3PV	IEXCBPPIM45232A3PV	IEXCBPP0504232A3PV	IEXCBPOM504232A3PV	IEXCBPOMS504232A3PV
380V 63A - 3 Phase							



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