



InfraPower[®]

Intelligent Remote Power Management
over Ethernet



About Us

Founded in 1995, **Austin Hughes Electronics Ltd** is a design and manufacturing group that offers a broad range of solutions based around 19 inch rack mount technology. These solutions include InfraSolution remote access control and locking, InfraPower Intelligent remote management power solutions, CyberView LCD Keyboard and KVM drawers, IP KVM Switches, UltraView Industrial LCD panels & UltraComp Embedded PC's.

Austin Hughes has ISO14001 and ISO9001 approved design, manufacturing, assembly and test facilities in Hong Kong and China. Austin Hughes supports a worldwide customer base, through its global locations in Europe, the United States and Japan, and through its extensive authorized channel partner support network.

Austin Hughes offers a highly cost effective quality solution with probably the most flexible specification offering or product range that exists today in the 19" LCD, Keyboard Drawer and KVM switch market sector.





Part I

Switched / IP Switched PDU

US NEMA 5-20R		----- 12 / 16 / 20 ways -----	P.3 - 4
IEC320 C13		----- 12 / 16 / 20 ways -----	P.5 - 6

Part II

Monitoring / IP Monitoring PDU

US NEMA 5-20R		----- 12 / 16 / 20 ways -----	P.7 - 8
IEC320 C13 / 19		----- 12 / 16 / 20 ways -----	P.9 - 12
UK BS 1363		----- 12 / 16 / 20 ways -----	P.13 - 14

Part III

Remote Software

Remote PDU Access using an IP dongle	-----	P.15
Remote PDU Access using a CyberView™ IP KVM Switch	-----	P.16
Remote PDU Access using Serial or IP Connectivity	-----	P.17



Intelligent Switched PDU

The InfraPower Intelligent switched PDU range features a RMS current meter to display the total current consumption of equipment connected to the PDU, in addition to this the PDU allows the remote outlet control / cycling of individual ON / OFF power sockets via a simple, secure GUI management interface. These capabilities help you with capacity planning and improve the efficiency of your data centre whilst maximising the life cycle of your hardware. Using the InfraPower range of PDU solutions can help reduce manpower and travel costs by negating the need for staff to actually be at the equipment location improving uptime and productivity.



Field-replaceable RMS Current Meter

The RMS current meter has been designed as a simple field-replaceable component this helps to eliminate maintenance downtime and allows facilities engineers, and data centre managers to simply replace defective current meters without interruption of service.



Remote Access over *IP* via Hot Pluggable IP-dongle

To help reduce costs and provide remote monitoring and control the InfraPower PDU solution can be enhanced by using the hot pluggable IP dongle. The IP dongle adds increased functionality over traditional monitoring and basic PDU's, providing data centre staff the functionality of remote outlet control / cycling of individual ON / OFF power sockets via a simple, secure GUI management interface.



Intelligent Remote Access via an *IP* KVM Switch

Using a traditional low cost serial interface cable, InfraPower PDU's can be connected directly to **CyberView™** IP KVM switches. This allows the network manager to use a single IP address to access both the KVM switch and the InfraPower remote PDU; simple GUI based management software then allows real-time remote control and monitoring. Using the InfraPower range of PDU solutions via serial connected to an IP KVM switch can help reduce manpower and travel costs by negating the need for staff to actually be at the equipment location improving uptime and productivity.



Cascade

InfraPower PDU solutions are designed to support daisy chain connections allowing up to 16 PDU's or 320 outlets to be cascaded via a Cat6 cable. When the IP dongle is used, the cascaded PDU's provide real-time remote management via a simple, secure GUI management interface – all the PDU's are accessed via a single network IP address.



Circuit Breaker

InfraPower PDU solutions can be fitted with an optional UL listed hydraulic magnetic load-sensing and time delay mechanism. This helps avoid nuisance tripping caused by normal in-rush current that can typically occur when servers are powering-up from cold. The flat rocker actuator not only protects against inadvertent activation, but also satisfies today's aesthetic requirements.

Ordering Information

Model No.	PDU Outlet	Amp	Length (mm)	Ext'l Power Plug
PDU12 - US20A / MTS	NEMA 5-20R, 12 outlet	20A	1275	NEMA 5-20P
PDU12 - US30A / MTS	NEMA 5-20R, 12 outlet	30A	1275	NEMA L5-30P
PDU16 - US20A / MTS	NEMA 5-20R, 16 outlet	20A	1525	NEMA 5-20P
PDU16 - US30A / MTS	NEMA 5-20R, 16 outlet	30A	1525	NEMA L5-30P
PDU20 - US20A / MTS	NEMA 5-20R, 20 outlet	20A	1775	NEMA 5-20P
PDU20 - US30A / MTS	NEMA 5-20R, 20 outlet	30A	1775	NEMA L5-30P

Accessories

Model No.	Description
-IP	IP dangle option
-CR	Circuit breaker option

- (1) The standard PDUs above have a cable length of 3m.
 (2) If you have any PDU requirements in addition to the above, please contact our Sales team who will be happy to arrange a quotation.



PDU Outlet



Power Plug



20 Amp
NEMA 5-20P



30 Amp
NEMA L5-30P



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PDU12 - IEC16A / MTS	IEC320 C13, 12 outlet	16A	1275	IEC320 C20 / 60309
PDU12 - IEC20A / MTS	IEC320 C13, 12 outlet	20A	1275	Open end
PDU12 - IEC32A / MTS	IEC320 C13, 12 outlet	32A	1275	60309
PDU16 - IEC16A / MTS	IEC320 C13, 16 outlet	16A	1525	IEC320 C20 / 60309
PDU16 - IEC20A / MTS	IEC320 C13, 16 outlet	20A	1525	Open end
PDU16 - IEC32A / MTS	IEC320 C13, 16 outlet	32A	1525	60309
PDU20 - IEC16A / MTS	IEC320 C13, 20 outlet	16A	1775	IEC320 C20 / 60309
PDU20 - IEC20A / MTS	IEC320 C13, 20 outlet	20A	1775	Open end
PDU20 - IEC32A / MTS	IEC320 C13, 20 outlet	32A	1775	60309

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PDU Outlet



Power Plug





Intelligent Monitoring PDU

The InfraPower Intelligent monitoring PDU range features a RMS current meter that displays the total current consumption of equipment connected to the PDU. It not only allows network managers to establish the remaining capacity prior to adding a new device to the PDU, but also displays the current being drawn and receives threshold alerts remotely. These capabilities help you with capacity planning of equipment and improve the efficiency of your data centre energy consumption whilst maximising the life cycle of your hardware.



Field-replaceable RMS Current Meter

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PDU16 - US20A / MT	NEMA 5-20R, 16 outlet	20A	1525	NEMA 5-20P
PDU16 - US30A / MT	NEMA 5-20R, 16 outlet	30A	1525	NEMA L5-30P
PDU20 - US20A / MT	NEMA 5-20R, 20 outlet	20A	1775	NEMA 5-20P
PDU20 - US30A / MT	NEMA 5-20R, 20 outlet	30A	1775	NEMA L5-30P

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NEMA 5-20R

Power Plug



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NEMA 5-20P



30 Amp
NEMA L5-30P



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