

# SMART CONTROL PDU - DATASHEET

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# barpa

## SMART CONTROL PDU

### DESCRIPTION

barpa Control Smart PDU is engineered to provide reliable electrical power distribution with remote outlet-level control and real-time monitoring of energy consumption, both per outlet and at total circuit level. It enables remote switching of individual outlets, allowing effective power management, load control and reboot operations. Ideal for data centers, IT racks, and industrial environments where availability, control and energy visibility are critical.



### APPLICABLE STANDARDS

• IEC 61000-6-1/3 (EMC) • EN IEC 62368-1 (Safety) • EN IEC 60320-1  
 • EN IEC 60884-1 • IEC 61000 • BS 1363 • UL 498 / NEMA WD 6 • Low Voltage Directive 2014/35/EU • EMC Directive 2014/30/EU • RoHS Directive 2011/65/EU



### KEY FEATURES

High-resolution power metering and control per outlet and per PDU (voltage, current, power, energy, power factor)
Scalable outlet-level metering
Embedded power quality parameters monitoring with integrated local display
Multi-protocol support: HTTP/HTTPS, SNMPv3, Modbus TCP/IP
Integrated surge protection and basic line filtering
Embedded web-based management software for monitoring and outlet control
Compatibility with barpa environmental sensors

### MECHANICAL & PHYSICAL SPECIFICATIONS

Material	1,2mm SGCC (Steel Galvanized Cold Commercial)	
Color	Black powder coated	
Internal Wiring	16A	3G x 1,5 mm <sup>2</sup>
	32A	3G x 6 mm <sup>2</sup>
Cable Length	3 meters (customisable on request)	
Number of Sockets	8, 16, 24	
Control System	Surge Protection	
Sensor Ports Available	6+1	
Sensor Interface Type	RJ11	

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More information: [info@barpa.eu](mailto:info@barpa.eu) or in [www.barpa.eu](http://www.barpa.eu)

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approved by: Ana Barbosa

