



### Main

Range	EcoStruxure
Product name	Panel Server Advanced
Product or Component Type	Gateway
Device short name	PAS800
Device Application	Gateway Energy server Data logger
[Us] rated supply voltage	110...277 V AC 50/60 Hz 110...277 V DC
Communication gateway	Ethernet TCP/IP to wireless devices Ethernet/serial

### Complementary

Communication network type	Ethernet, 10/100BASE-T Wi-Fi 2.4 GHz Wi-Fi 5 GHz Wireless, IEEE 802.15.4 Modbus RTU, Modbus RTU master even/odd or none 1.2...115.2 kbit/s
Communication port protocol	Modbus TCP DHCP HTTPS NTP/SNTP IPv4 IPv6 TCP/IP
Communication port support	2 RJ45 ETHERNET Screw terminal block RS485
Number of slave	64 Modbus RTU 40 IEEE 802.15.4
Memory capacity	32 GB eMMC 512 MB NAND
Number of Inputs	0
Connections - terminals	Power supply screw terminal block top) 0.00...0.00 in <sup>2</sup> (1.5...2.5 mm <sup>2</sup> ) Communication screw terminal block bottom) 0.00...0.00 in <sup>2</sup> (0.14...1.5 mm <sup>2</sup> )
Tightening torque	Power supply 5.31 lbf.in (0.6 N.m) Communication 2.21 lbf.in (0.25 N.m)
Wire stripping length	Power supply 0.28 in (7 mm) Communication 0.28 in (7 mm)
Connector type	RP-SMA antenna
Mounting Mode	Clip-on
Mounting Support	DIN rail
Product Certifications	CE CULus RCM UKCA FCC IC

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Standards	IEC 61010 IEC 61010-1 IEC 61010-2-201 UL 61010 UL 61010-1 UL 61010-2-201 CSA C22.2 No 61010-1-12 CSA C22.2 No 61010-2-201 IEC 62974-1 IEC 62443-4-1 IEC 61326-1 EN 301-489-1 EN 301-489-17 EN 55032 CISPR 11 EN 300-328 IEEE 802.15.4 IEEE 802.11a/b/g/n
Width	2.83 in (72 mm)
Data recording	Trending Historical dashbaording and trending 3 years data logs
Function Available	Embedded web page for configuration and upgrade Diagnosis capabilities Diagnostic report Diagnostics on communication Embedded data logger Event Logger Energy management With integrated web server Firmware update Configurable event Backup/Restore configuration CSV export
Product Specific Application	Wireless Schneider Electric devices ecosystem
Topology	Separate Ethernet network Switched Ethernet network
Web services	HTTPS server
Communication Service	Device Profile for Web Services (DPWS) Modbus TCP client Modbus TCP server SNTP client DHCP client DHCP server Web server (energy & operation efficiency)
Commissioning interface	EcoStruxure Power Commission Mobile Web page
Realtime clock	With RTC-battery set Without any user calibration
Time synchronisation protocol	NTP SNTP
Range compatibility	EcoStruxure (Facility Expert) EcoStruxure (Building Operation) EcoStruxure (Power Operation) EcoStruxure (Power Monitoring Expert) EcoStruxure (Asset Advisor)

## Environment

Relative humidity	0...93 %
IP degree of protection	IP40 front face) IP20 casing)
Ambient Air Temperature for Operation	-13...158 °F (-25...70 °C)
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)
Pollution degree	2
Operating altitude	< 2300 m

## Ordering and shipping details

Category	09785-POWERLOGIC SYSTEM CMPNTS
Discount Schedule	PL1
GTIN	3606481014375
Returnability	Yes

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.54 in (9 cm)
Package 1 Width	3.54 in (9 cm)
Package 1 Length	4.41 in (11.2 cm)
Package 1 Weight	10.51 oz (298 g)
Unit Type of Package 2	S03
Number of Units in Package 2	27
Package 2 Height	11.81 in (30 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	19.14 lb(US) (8.68 kg)

## Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
PVC free	Yes
Halogen content performance	Halogen free plastic parts & cables product