

iSockets Power Management System Datasheet

Introduction

iSockets Power Management System is a comprehensive solution for monitoring and managing electricity usage. Start by choosing from a series of iSockets hardware devices that best suit your need. Connect your equipment to the devices and access the My iSockets web portal using any computer or mobile device to start monitoring and managing them.

Feature Overview

Plug–n–play: no wiring, no drilling, no installation








Accessible anywhere: laptop, iPad, iPhone, Android, etc.

Smart meter at plug level: missing link between power grid management and equipment nodes

Control with feedback: review historical data, make decisions, and then see the results

Scalable and customizable: both hardware and software can be customizable

iSockets Hardware Devices and Packaging Information

Product Code	Name	Package Shape	Picture
PMT-R-PS-001	iSockets power strip terminal	6 outlet power strip, no local LCD	
PMT-R-PS-001L	iSockets power strip terminal	6 outlet power strip with local LCD	
PMC-R-WA-001	iSockets wall adapter	2 outlet wall adapter	
PMC-R-PS-001	iSockets console	6 outlet power strip with RJ45 connection to Internet	
PMC-R-00-001	iSockets stand alone gateway	No power outlets, RJ45 connection to Internet	
PMT-C-XX-YYY	iSockets industrial terminal	Depends on the application, please inquire	
PMG-C-XX-YYY	iSockets industrial gateway	Depends on the application, please inquire	

Technical Parameters

Parameter	PMT (Power Management Terminal)	PMG (Power Management Gateway)	PMC (Power Management Console, PMT and PMG in One)
Working Voltage	85VAC~240VAC Auto Adjusting, 47-63 Hz		
Phase	1 phase (power strip and wall adapters) 3 phases (industrial models)	1 phase	1 phase
Maximum Current	15A (power strip and wall adapters) Up to 300A for industrial models	N/A	15A (power strip and wall adapters)
Surge Protection	> 1000 Joules		> 1000 Joules
Outlets	6 (power strip) 2 (wall adapter)		3-6 (power strip)
Outlet types	US, UK, Japan, China, Universal		
Certificates	UL, JSE, CE, CCC		
Parameters measures	Voltage, Current, Power, Energy consumption during a period, On/Off status		
Parameters Calculated	Electricity cost, GHG emitted		
Measurement Precision			
Current	1%		1%
Voltage	1%		1%
Power	1%		1%
Energy Consumption	1%		1%
Local Communication	PLC or Zigees (with PMG)	PLC or Zigees (with controlled PMT)	PLC or Zigees (with controlled PMT)
Internet Communication	Through PMG device	TCP/IP, support DHCP, wired/wireless	TCP/IP, support DHCP, wired or wireless
Local switch override	Yes	N/A	Yes
Remote controlling	Whole unit (not individual outlet)	N/A	Whole unit (not individual outlet)
Controlling Mechanism	Power relay		Power relay
Controlling Means	Web browser, iPhone App Android App SMS		Web browser, iPhone App Android App SMS
Ambient Environment	Temperature -5 – 45 (°C), Humidity < 95%		

Ordering Information:

Minimum lot: 1000 sets

Lead time: 2 months for manufacturing, shipping times vary and are additional

Ship from Country: China

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