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YOSUN Smart PDU

PROFESSIONAL PDU MANUFACTURER

NETWORK POWER DISTRIBUTION MANAGEMENT SOLUTION



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COMPANY INTRODUCTION

Ningbo Yosun Electric Technology Co.,LTD is a professional PDU manufacturer integrated with R&D, manufacturing, trading and service, located in Ningbo, China.

YOSUN have been speicalizing in PDU socket industry more than 13 years, and developed various PDU ranges to meet different markets such as IEC C13/C19 type, German type, American type, French type, UK type, Universal type, GB type, etc, qualified to GS, CE, VDE, UL, BS, CB, ROHS, CCC. Quality control strictly according to IS9001. With the popularization of 5G and the development of industry 4.0, YOSUN is dedicated to focusing on smart PDU. YOSUN SMART PDU is becoming more and more popular around the world.

YOSUN sincerely looking forward to establishing long term business relationship with you on basis of mutual benefit.

CERTIFICATE

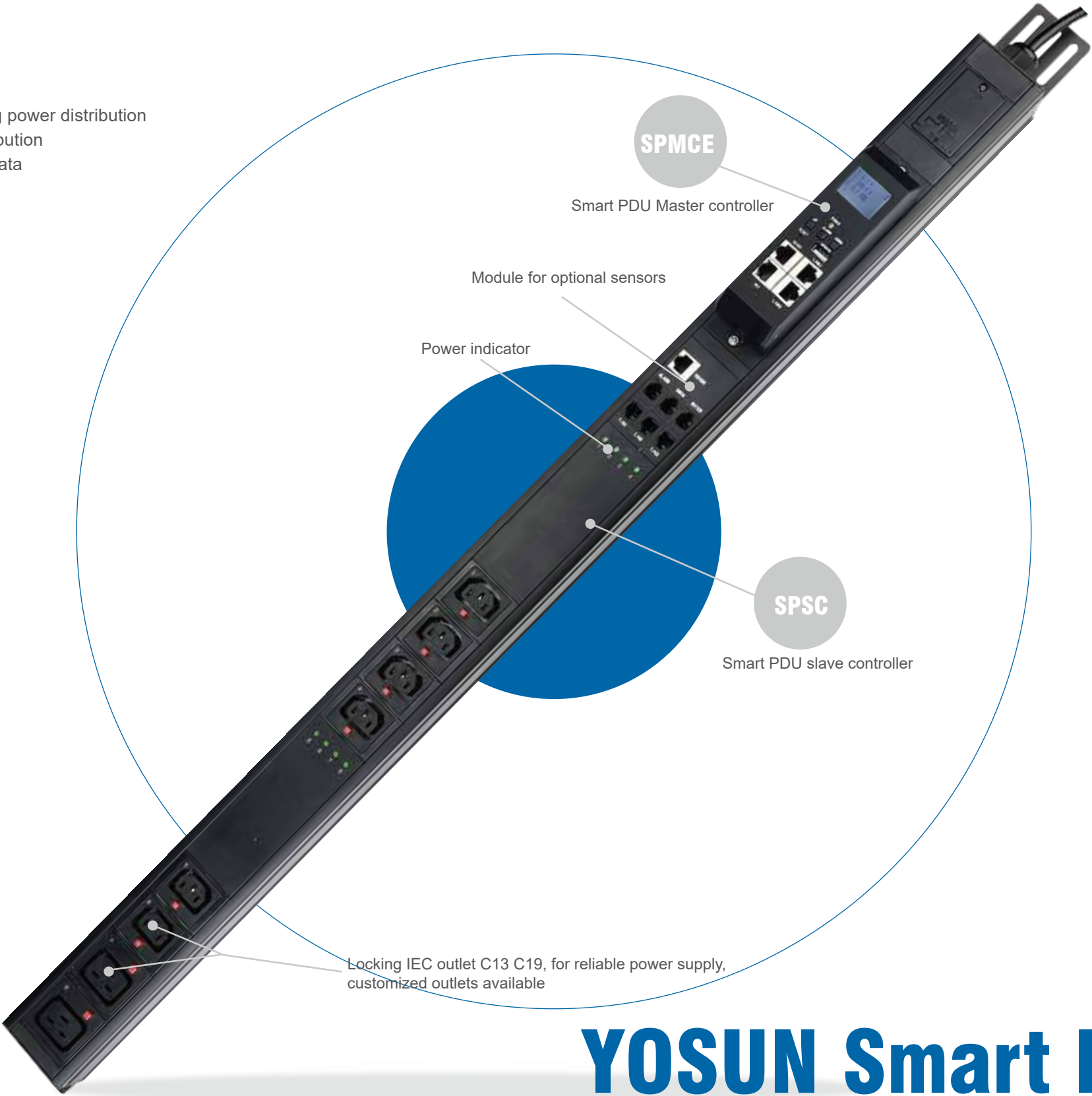


YOSUN Smart PDU is a professional-grade network remote monitoring and managing power distribution system, developed according to the world future development trend of the power distribution management technology, combined with the technical requirements of contemporary data center application environment and the latest core technology.

YOSUN Smart PDU have 2 series: SPMCE / SPMCIP

SPMCE Features

- ◆ Hot-swap SPMC (Smart network PDU master controller) , flexibly upgrade and maintain the equipment without power interruption
- ◆ Support RS485, SNMP, SSH, TELNET, HTTP and other protocols, adapt to different data communication scenarios
- ◆ Provide remote monitoring and on/off switching control of individual outlets, enable data center managers to have a clear understanding of the running status of equipments.
- ◆ Status keeping feature: After power off / reboot of the device, each outlet will keep the switching status before power off
- ◆ Power sequencing time delays allow users to define the order in which to power up or down attached equipment to avoid circuit overload.
- ◆ User-defined alarm thresholds mitigate risk with real-time local and remote alerts to warn potential circuit overloads.
- ◆ LCD screen supports rotatable display in 4 directions, suitable for both horizontal and vertical installation
- ◆ Temperature/humidity, water immersion, smog, etc, monitored by expansion modules, programmable expansion available
- ◆ Support USB/WEB upgrade system, the latest software functions can be obtained
- ◆ Support max.9 PDU devices cascade



YOSUN Smart PDU

SPMCIP Features

- ◆ Hot-swap SPMC (Smart network PDU master controller) , flexibly upgrade and maintain the equipment without power interruption
- ◆ Support RS485/SNMP/HTTP, adapt to different data communication scenarios
- ◆ Provide remote monitoring and on/off switching control of individual outlets, enable data center managers to have a clear understanding of the running status of equipments.
- ◆ Status keeping feature: After power off / restart of the device, each outlet will keep the switching status before power off
- ◆ Power sequencing time delays allow users to define the order in which to power up or down attached equipment to avoid circuit overload.
- ◆ User-defined alarm thresholds mitigate risk with real-time local and remote alerts to warn potential circuit overloads.
- ◆ LCD screen supports rotatable display in 4 directions, suitable for both horizontal and vertical installation.
- ◆ Support WEB upgrade system, the latest software functions can be obtained
- ◆ Support TCP/IP. RS-485 hybrid networking, flexible and diverse networking schemes, users can flexibly choose any scheme according to their own needs
- ◆ Support max.5 PDU devices cascade



YOSUN Smart PDU

Monitored 485 PDU (Power Distribution Unit) provide network-grade power distribution in any data center, server room, etc. Each Metered 485 PDU has a RS485 meter with LCD display for real-time monitoring of voltage, current, power, energy and environment.

Features

- ◆ Hot-swap 485 Monitor, flexibly upgrade and maintain the equipment without affecting the output power supply
- ◆ Cascading data communication through standard MODBUS interface, batch network monitoring of data centers
- ◆ Optional PDU data management software to achieve low-cost server room power data management
- ◆ Provide entire PDU level reliable power metering
- ◆ Support temperature and humidity, Smoke sensors
- ◆ Support RS485 upgrade system, the latest software functions can be obtained
- ◆ Supports Max.64 PDU devices cascade



Monitored 485 PDU

Smart PDU slave controllor(SPSC)

- Individual outlet level monitoring of PDU can be provided so that data center managers can clearly understand the use of equipment and seek opportunities to improve energy efficiency
- Single slave supports a minimum 4-way socket, which can be flexibly configured to support a maximum of 24 ways through slave cascades according to actual needs
- Status maintenance is supported.
After power off/restart of the device, each output branch shall maintain the switching state before restart
- Support abnormal equipment current alarm and overload power off

Basic PDU Introduction

Basic PDU (Power Distribution Unit) is a device to provide reliable electrical power in a data center, computer room, server room or anywhere power supply in need. It's designed to provide standard electrical outlets for data center equipments. YOSUN Basic PDUs provide durable quality and high cost performance, widely used in Telecom, Data Center, Enterprises, etc.

Optional sensor accessories



Door contact



Temperature and humidity sensor



smoke sensor



Flooding sensor



Water immersion detection cable



sound and light alarm



SPD surge protector

Surge protector is designed according to IEC surge protection standard, protect equipments from different power surges including lightning.



Modules

Modulized PDU design, various standards available, meet different needs all over the world.
All socket conductive parts made of copper alloy with good elasticity, wear resistance, magnetic resistance;whole stamping molding, plug life more than 5000 times, ensure high reliability of electrical conductivity and connectivity. All modules are all made of PC/ABS plastic, thermal deformation temperature above 120°, flame retardant UL94-0.

Switch

2 pole on/off switch with protective cover

Outlet

Locking C13 for reliable power supply, customized outlets available



Customized **LOGO** available for ODM / OEM

Cables

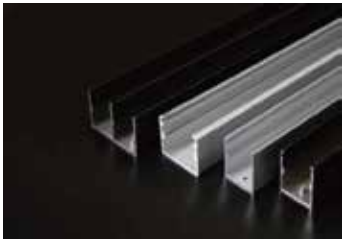
Different thickness and lengths available according to needs

Plugs

Different power plugs available according to needs.



Housing



Premium quality aluminium alloy, high strength, good heat dissipation.
*Plastic housing available

Installation



Vertical, Horizontal, customized.
360° rotatable panel available

PDU module



Built in connection terminal
0.75mm²~2.5mm²



Industrial Plug / Male
16A / 32A / 63A / 125A



2 pole switch with indicator
10/16A 250VAC



Power indicator
250VAC



Connection box
1mm²~10mm²



Industrial Plug / Male
16A / 32A / 63A / 125A



Overload protector
10/16A 250VAC



Single light Surge protection
250VAC



3 light Surge protection
250VAC



1P circuit breaker
1~63A



3P circuit breaker
80A / 100A



1phase V/A meter
250V 10A / 16A



Hot-swap surge protector



Earth leakage circuit breaker
1~63A



2P circuit breaker
1~63A / 80A / 100A



3P circuit breaker
1~63A



1.5U 1phase V/A meter
250V 10A / 16A
Voltage current page display, RS485



USB charger
DC 5V 2.1A



IEC320 C14
10A 250VAC



IEC320 C20
16A 250VAC



IEC320 C14
10A 250VAC



IEC320 C13
10A 250VAC



IEC320 C20
16A 250VAC



IEC320 C19
16A 250VAC



LOCKING IEC320 C13
10A 250VAC



LOCKING IEC320 C19
16A 250VAC



German 16A plug
16A 250VAC



German 16A
16A 250VAC



American 15A plug
15A 250VAC



American 20A plug
20A 125VAC



American 15A
15A 125VAC





French 16A plug
16A 250VAC



French 16A
16A 250VAC



BS 13A plug
13A 250VAC



BS 13A
13A 250VAC





10A



16A



10A
250VAC



16A
250VAC



LOCKING 10A
250VAC



LOCKING 16A
250VAC



Customized

