

# Smart Rack PDU



PDU is perfection personified



## Smart PDU

POS's Smart PDU(Power Distribution Unit) is designed for IDC environments.

Smart PDU measures and displays voltage, current, and power, and these measurements can be monitored remotely. This enables preemptive response to system failures due to power or other reasons and thus provides operational convenience.

Smart PDU consists of M71, a product with master functions, and S51, a product with slave functions, which are used in parallel by chain.



## Overview

The POS' Smart PDU is a power supply system for equipment installed in a rack.

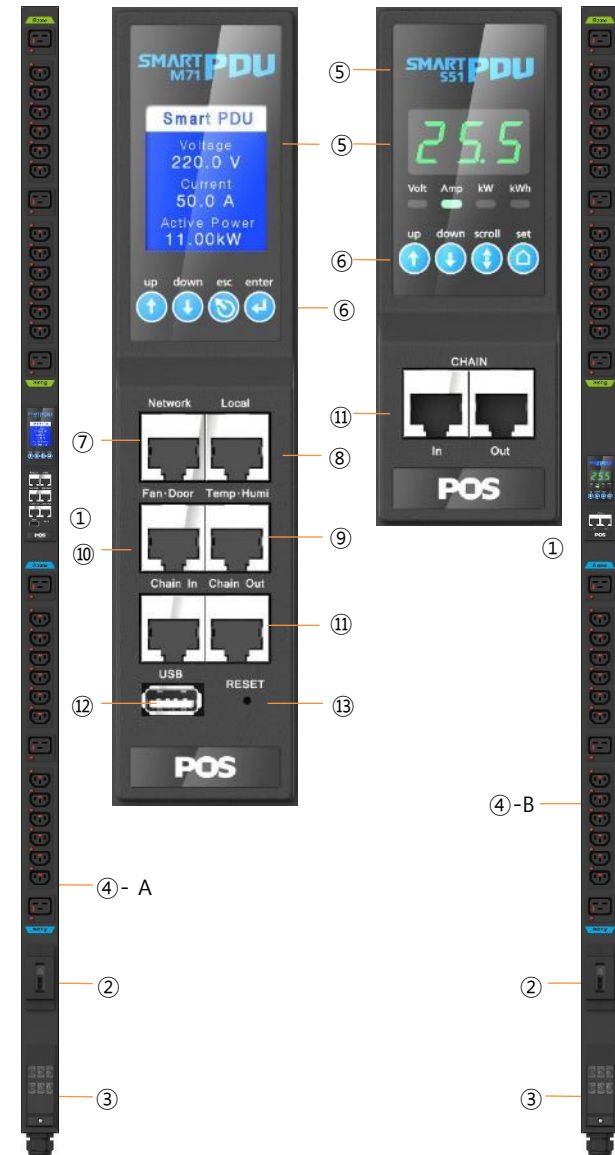
This is an innovative product that allows to monitor current, voltage, power, temperature, and humidity(Optional) inside a rack from a front screen of PDUs and racks.

In addition, Lighting Alarm function with set temperatures enables to identify alarms from a long distance, which allows preemptive response to system failures due to power overload, etc., providing operational convenience.

Smart PDU consists of M71, a product with master functions, and S51, a product with slave functions, which are used in parallel by chain; and the product provides remote monitoring via protocols such as SNMP and TCP-IP Modbus over network(ethernet).

## Unit Features

No	Unit	Function
①	M71 / S51 Control Unit	M71/ Master Function, S51/ Slave Function, RS-485 Communication Hot Swap Type Module (Can be swapped when PDU is operating.)
②	Circuit Breaker	20A (20A x 1) / 1-Line
③	Terminal Block	2P+E
④	Outlets / A-C13, B-C19	IEC320 C13/ C19 (Self Locking) UL, CE
⑤	Display & Alarm	M71/ TFT LCD, S51/ 7-Segment
⑥	Control Button	M71/ Up, Down, Esc, Enter S51/ Up, Down, Scroll, Set
⑦	Network Port	Ethernet / SNMP. TCP-IP Modbus, RS-485
⑧	Local Port	LMU Display (Option)
⑨	Temp/ Humi Port	Temp/ Humidity Sensor (Option)
⑩	Fan/ Door Port	Fan/ Door Status (Option)
⑪	Chain In/Out Port	Chain Connection / RS-485 Communication
⑫	USB Port	Firmware Upgrade
⑬	Reset Button	System Reset
	Input Cable – 20A	IEC 60502-1 VCT/ 4.0mm <sup>2</sup> , Cable Length/ 2M, 3M
	Input Plug -20A	NEMA / IEC 60309 (2P+E) IP44/ IP67 UL, CE



## Specifications / Electrical

	Specifications
Acceptable input voltage	AC 100-240 V / Single Phase
Maximum input current	20 A
Input frequency	50 / 60 Hz
Input connection	20 A, 3-pin 2P+E / NEMA or IEC 60309
Input power	100V - 2.0 kVA / 200V – 4.0 kVA
Output Voltage	AC 100-240 V
Max. output current (outlet)	IEC320-C13/ 10A, IEC320-C19/ 16A
Max. output current (phase)	20A - 1 Line
Max. output current (bank)	20A - 1 Bank
Output connections	S*202406 / C13-24W/ C19-6W,
Overload protection	20A Circuit breaker x 1

## Physical

	Specifications
Dimensions (H x W x D)	1650 x 55 x 50 mm
Power cord length	2.0 m or 3.0 m
Shipping dimensions	-
Weight/ shipping weight	4.6 kg
Temperature / humidity - operating	-5 to 60 °C / 5-95 % RH

## Safety verifications

Unit	Specifications
Product	KC/ JH04186 – 21001 (30A)
Outlet C13/ C19	UL, CE
Input connection plug & Cable	UL, CE



NEMA L5-20 P&C / AC125V - 20A



NEMA L6-20 P&C / AC250V - 20A



IEC 60309-P&C / AC240V - 20A

## Note

■ The safety load of the PDU is 2/3 of the rated load, and when using redundancy, the safety load is 1/3 of the rated load.

■ PDU comes with a complimentary 2-year warranty period from the date of purchase.

## Specifications / Electrical

	Specifications
Acceptable input voltage	AC 100-240 V / Single Phase
Maximum input current	20 A
Input frequency	50 / 60 Hz
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Input power	100V - 2.0 kVA / 200V – 4.0 kVA
Output Voltage	AC 100-240 V
Max. output current (outlet)	IEC320-C13/ 10A, IEC320-C19/ 16A
Max. output current (phase)	20A - 1 Line
Max. output current (bank)	20A - 1 Bank
Output connections	S*201612 / C13-16W/ C19-12W,
Overload protection	20A Circuit breaker x 1

## Physical

	Specifications
Dimensions (H x W x D)	1650 x 55 x 50 mm
Power cord length	2.0 m or 3.0 m
Shipping dimensions	-
Weight/ shipping weight	4.6 kg
Temperature / humidity - operating	-5 to 60 °C / 5-95 % RH

## Safety verifications

Unit	Specifications
Product	KC/ JH04186 – 21001 (30A)
Outlet C13/ C19	UL, CE
Input connection plug & Cable	UL, CE



NEMA L5-20 P&C / AC125V - 20A



NEMA L6-20 P&C / AC250V - 20A



IEC 60309-P&C / AC240V - 20A

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## Overview

The POS' Smart PDU is a power supply system for equipment installed in a rack.

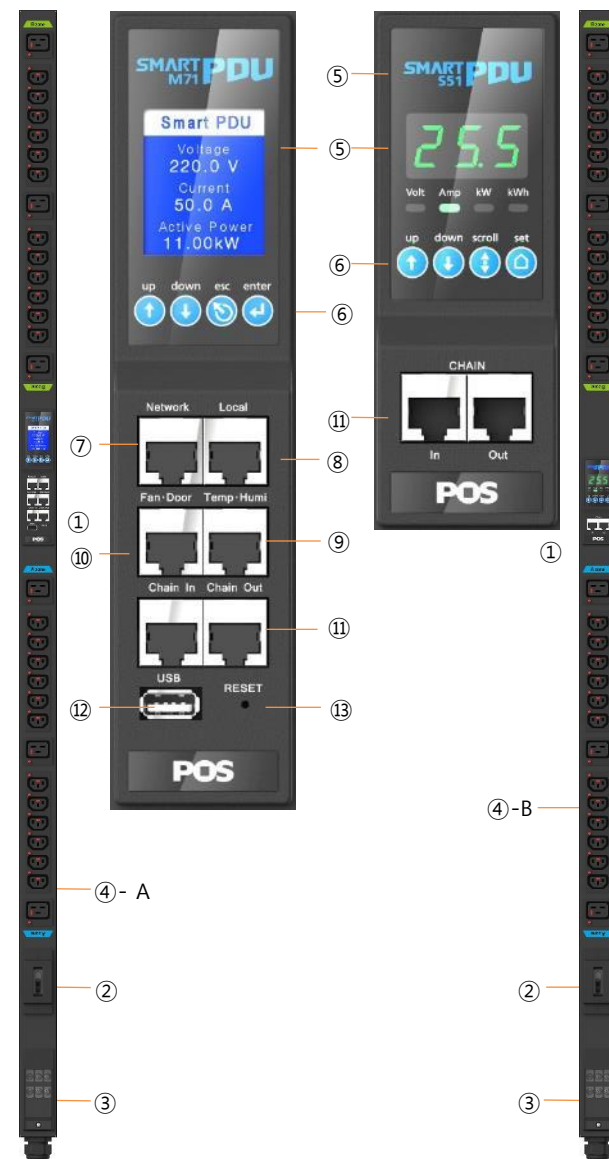
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## Unit Features

No	Unit	Function
①	M71 / S51 Control Unit	M71/ Master Function, S51/ Slave Function, RS-485 Communication Hot Swap Type Module (Can be swapped when PDU is operating.)
②	Circuit Breaker	30A (30A x 1) / 1-Line
③	Terminal Block	2P+E
④	Outlets / A-C13, B-C19	IEC320 C13/ C19 (Self Locking) UL, CE
⑤	Display & Alarm	M71/ TFT LCD, S51/ 7-Segment
⑥	Control Button	M71/ Up, Down, Esc, Enter S51/ Up, Down, Scroll, Set
⑦	Network Port	Ethernet / SNMP. TCP-IP Modbus, RS-485
⑧	Local Port	LMU Display (Option)
⑨	Temp/ Humi Port	Temp/ Humidity Sensor (Option)
⑩	Fan/ Door Port	Fan/ Door Status (Option)
⑪	Chain In/Out Port	Chain Connection / RS-485 Communication
⑫	USB Port	Firmware Upgrade
⑬	Reset Button	System Reset
	Input Cable – 30A/32A	IEC 60502-1 VCT/ 6mm <sup>2</sup> Cable Length/ 2M, 3M
	Input Receptacle -30A/32A	NEMA / IEC 60309 (2P+E) IP44/ IP67 UL, CE



## Specifications / Electrical

	Specifications
Acceptable input voltage	AC 100-240 V / Single Phase
Maximum input current	30A / 32A
Input frequency	50 / 60 Hz
Input connection	30A/32A, 3-pin 2P+E / NEMA or IEC 60309
Input power	100V / 3.0 ~3.2 kVA   200V / 6.0 ~6.4 kVA
Output Voltage	AC 100-240 V
Max. output current (outlet)	IEC320-C13/ 10A, IEC320-C19/ 16A
Max. output current (phase)	30A - 1 Line
Max. output current (bank)	30A - 1 Bank / 15A - 2 Bank
Output connections	S*302406 / C13-24W/ C19-6W
Overload protection	30A Circuit breaker x 1

## Physical

	Specifications
Dimensions (H x W x D)	1650 x 55 x 50 mm
Power cord length	2.0 m or 3.0 m
Shipping dimensions	-
Weight/ shipping weight	5.6 kg
Temperature / humidity - operating	-5 to 60 °C / 5-95 % RH

## Safety verifications

Unit	Specifications
Product	KC/ JH04186 – 21001 (30A)
Outlet C13/ C19	UL, CE
Input connection receptacle & Cable	UL, CE



NEMA L5-30 P&C / AC125V - 30A



NEMA L6-30 P&C / AC250V - 30A



IEC 60309-P&C / AC240V - 32A

## Note

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## Specifications / Electrical

	Specifications
Acceptable input voltage	AC 100-240 V / Single Phase
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Input connection	30A/32A, 3-pin 2P+E / NEMA or IEC 60309
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Output Voltage	AC 100-240 V
Max. output current (outlet)	IEC320-C13/ 10A, IEC320-C19/ 16A
Max. output current (phase)	30A - 1 Line
Max. output current (bank)	30A - 1 Bank / 15A - 2 Bank
Output connections	S*301612 / C13-16W/ C19-12W
Overload protection	30A Circuit breaker x 1

## Physical

	Specifications
Dimensions (H x W x D)	1650 x 55 x 50 mm
Power cord length	2.0 m or 3.0 m
Shipping dimensions	-
Weight/ shipping weight	5.6 kg
Temperature / humidity - operating	-5 to 60 °C / 5-95 % RH

## Safety verifications

Unit	Specifications
Product	KC/ JH04186 – 21001 (30A)
Outlet C13/ C19	UL, CE
Input connection receptacle & Cable	UL, CE



NEMA L5-30 P&C / AC125V - 30A



NEMA L6-30 P&C / AC250V - 30A



IEC 60309-P&C / AC240V - 32A

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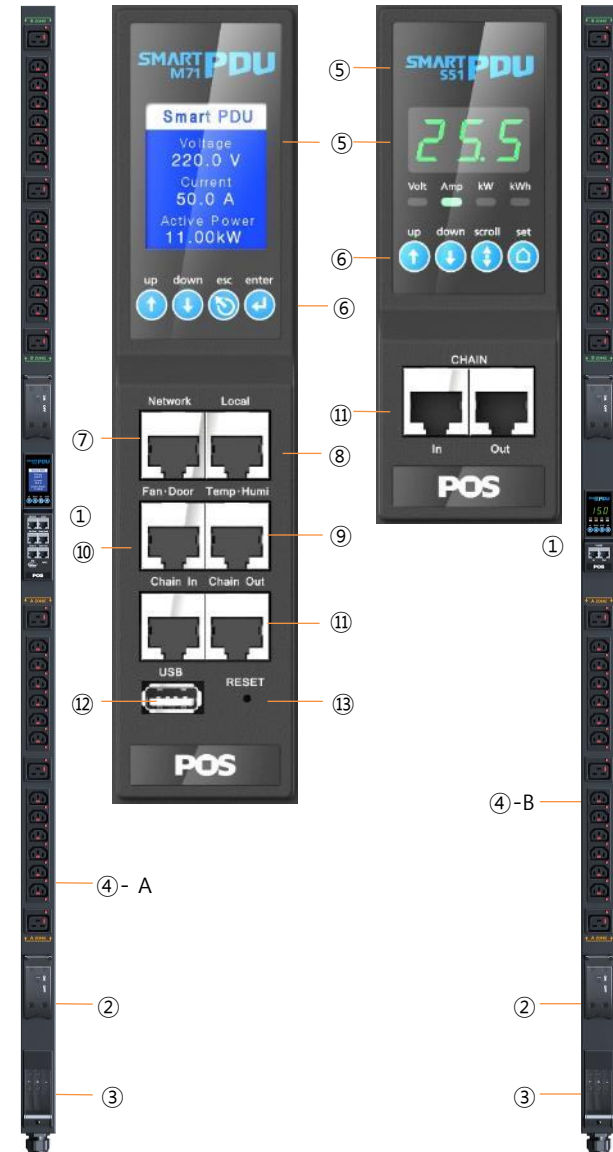
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## Unit Features

No	Unit	Function
①	M71 / S51 Control Unit	M71/ Master Function, S51/ Slave Function, RS-485 Communication Hot Swap Type Module (Can be swapped when PDU is operating.)
②	Circuit Breaker	(30A x 2) / 2-Line
③	Terminal Block	2P+E
④	Outlets / A-C13, B-C19	IEC320 C13/ C19 (Self Locking) UL, CE
⑤	Display & Alarm	M71/ TFT LCD, S51/ 7-Segment
⑥	Control Button	M71/ Up, Down, Esc, Enter S51/ Up, Down, Scroll, Set
⑦	Network Port	Ethernet / SNMP. TCP-IP Modbus, RS-485
⑧	Local Port	LMU Display (Option)
⑨	Temp/ Humi Port	Temp/ Humidity Sensor (Option)
⑩	Fan/ Door Port	Fan/ Door Status (Option)
⑪	Chain In/Out Port	Chain Connection / RS-485 Communication
⑫	USB Port	Firmware Upgrade
⑬	Reset Button	System Reset
	Input Cable – 63A	IEC 60502-1 VCT/ 10mm <sup>2</sup> Cable Length/ 2M, 3M
	Input Receptacle -63A	IEC 60309 (2P+E) IP44/ IP67 UL, CE



## Specifications / Electrical

	Specifications
Acceptable input voltage	AC 100-240 V / Single Phase
Maximum input current	63A
Input frequency	50 / 60 Hz
Input connection	63A, 3-pin 2P+E / IEC 60309
Input power	100V - 6.3 kVA / 200V - 12.6 kVA
Output Voltage	AC 100-240 V
Max. output current (outlet)	IEC320-C13/ 10A, IEC320-C19/ 16A
Max. output current (phase)	60A (30A - 2 Line)
Max. output current (bank)	30A - 2 Bank
Output connections	S*602406 / C13-24W / C19-6W
Overload protection	30A Circuit breaker x 2

## Physical

	Specifications
Dimensions (H x W x D)	1750 x 55 x 50 mm
Power cord length	2.0 m or 3.0 m
Shipping dimensions	-
Weight/ shipping weight	5.8 kg
Temperature / humidity - operating	-5 to 60 °C / 5-95 % RH

## Safety verifications

Unit	Specifications
Product	KC/ JH04186 - 21001 (30A)
Outlet C13/ C19	UL, CE
Input connection receptacle & Cable	UL, CE



IEC 60309-P&C / AC240V - 63A

## Note

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## Specifications / Electrical

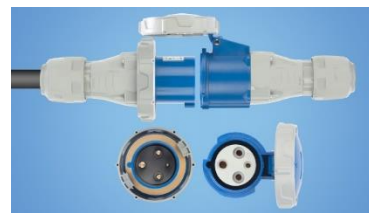
	Specifications
Acceptable input voltage	AC 100-240 V / Single Phase
Maximum input current	63A
Input frequency	50 / 60 Hz
Input connection	63A, 3-pin 2P+E / IEC 60309
Input power	100V - 6.3 kVA / 200V – 12.6 kVA
Output Voltage	AC 100-240 V
Max. output current (outlet)	IEC320-C13/ 10A, IEC320-C19/ 16A
Max. output current (phase)	60A (30A - 2 Line)
Max. output current (bank)	30A - 2 Bank
Output connections	S*601612 / C13-16W / C19-12W
Overload protection	30A Circuit breaker x 2

## Physical

	Specifications
Dimensions (H x W x D)	1750 x 55 x 50 mm
Power cord length	2.0 m or 3.0 m
Shipping dimensions	-
Weight/ shipping weight	5.8 kg
Temperature / humidity - operating	-5 to 60 °C / 5-95 % RH

## Safety verifications

Unit	Specifications
Product	KC/ JH04186 – 21001 (30A)
Outlet C13/ C19	UL, CE
Input connection receptacle & Cable	UL, CE



IEC 60309-P&C / AC240V - 63A

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## Specifications / Electrical

	Specifications
Acceptable input voltage	AC 100-240 V / Single Phase
Maximum input current	63A
Input frequency	50 / 60 Hz
Input connection	63A, 3-pin 2P+E / IEC 60309
Input power	100V - 6.3 kVA / 200V – 12.6 kVA
Output Voltage	AC 100-240 V
Max. output current (outlet)	IEC320-C13/ 10A, IEC320-C19/ 16A
Max. output current (phase)	60A (30A - 2 Line)
Max. output current (bank)	30A - 2 Bank
Output connections	S*604806 / C13-48W / C19-6W
Overload protection	30A Circuit breaker x 2

## Physical

	Specifications
Dimensions (H x W x D)	1750 x 85 x 50 mm
Power cord length	2.0 m or 3.0 m
Shipping dimensions	-
Weight/ shipping weight	7.5 kg
Temperature / humidity - operating	-5 to 60 °C / 5-95 % RH

## Safety verifications

Unit	Specifications
Product	KC/ JH04186 – 21001 (30A)
Outlet C13/ C19	UL, CE
Input connection receptacle & Cable	UL, CE



IEC 60309-P&C / AC240V - 63A

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## Specifications / Electrical

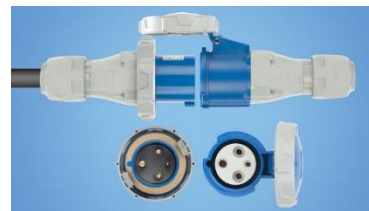
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Acceptable input voltage	AC 100-240 V / Single Phase
Maximum input current	63A
Input frequency	50 / 60 Hz
Input connection	63A, 3-pin 2P+E / IEC 60309
Input power	100V - 6.3 kVA / 200V – 12.6 kVA
Output Voltage	AC 100-240 V
Max. output current (outlet)	IEC320-C13/ 10A, IEC320-C19/ 16A
Max. output current (phase)	60A (30A - 2 Line)
Max. output current (bank)	30A - 2 Bank
Output connections	S*603212 / C13-32W / C19-12W
Overload protection	30A Circuit breaker x 2

## Physical

	Specifications
Dimensions (H x W x D)	1750 x 90 x 50 mm
Power cord length	2.0 m or 3.0 m
Shipping dimensions	-
Weight/ shipping weight	7.5 kg
Temperature / humidity - operating	-5 to 60 °C / 5-95 % RH

## Safety verifications

Unit	Specifications
Product	KC/ JH04186 – 21001 (30A)
Outlet C13/ C19	UL, CE
Input connection receptacle & Cable	UL, CE



IEC 60309-P&C / AC240V - 63A

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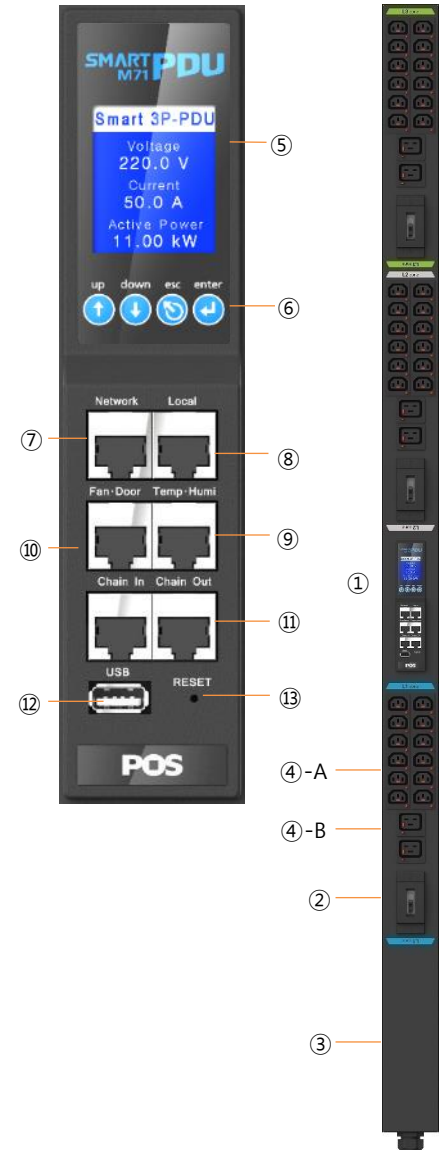
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## Unit Features

No	Unit	Function
①	M71 / S71 Control Unit	M71/ Master Function, S71/ Slave Function, RS-485 Communication Hot Swap Type Module (Can be swapped when PDU is operating.)
②	Circuit Breaker	30A/32A (15A x3 ), 63A (30A x 3) I 3-Line
③	Terminal Block	3P+E
④	Outlets / A-C13, B-C19	IEC320 C13/ C19 (Self Locking) UL, CE
⑤	Display & Alarm	M71/ TFT LCD
⑥	Control Button	M71/ Up, Down, Esc, Enter
⑦	Network Port	Ethernet / SNMP. TCP-IP Modbus, RS-485
⑧	Local Port	LMU Display (Option)
⑨	Temp/ Humi Port	Temp/ Humidity Sensor (Option)
⑩	Fan/ Door Port	Fan/ Door Status (Option)
⑪	Chain In/Out Port	Chain Connection / RS-485 Communication
⑫	USB Port	Firmware Upgrade
⑬	Reset Button	System Reset
	Input Cable AC200V - 32A, 63A / 3Phase	IEC 60502-1 VCT/ 6mm <sup>2</sup> , 10mm <sup>2</sup> (4W), Cable Length/ 2M, 3M
	Input Receptacle AC220V - 32A / 3Phase - 63A / 3Phase	NAMA (3P+E) / IEC 60309 (3P+E) IP44/ IP67 UL, CE



## Specifications / Electrical

	Specifications
Acceptable input voltage	Input AC 200V-3Phase / Output AC 200V-Single Phase
Maximum input current	30A/32A, 63A
Input frequency	50 / 60 Hz
Input connection	30A/32A, 63A 4-pin 3P+E / NEMA or IEC 60309
Input power	30A,32A / 10.3 ~ 11.0 kVA , 63A / 21.8 kVA
Output Voltage	AC 200-240 V
Max. output current (outlet)	IEC320-C13/ 10A, IEC320-C19/ 16A
Max. output current (phase)	32A : 45A (15A - 3 Line) / 63A : 90A (30A - 3 Line)
Max. output current (bank)	30A,32A/ 15A - 1 Bank, 63A/ 30A - 1 Bank
Output connections	S3453606W4S / C13-36W/ C19-6W S3903606W4S / C13-36W/ C19-6W
Overload protection	15A / 30A Circuit breaker x 3

## Physical

(Model- S3453606W4S, S3903606W4S)

	Specifications
Dimensions (H x W x D)	1725 x 85 x 57 mm
Power cord length	2.0 m or 3.0 m
Shipping dimensions	-
Weight/ shipping weight	7.5 kg
Temperature / humidity - operating	-5 to 60 °C / 5-95 % RH

## Safety verifications

Unit	Specifications
Product	KC/ JH04186 – 21001 (220V-30A)
Outlet C13/ C19	UL, CE
Input connection receptacle & Cable	UL, CE

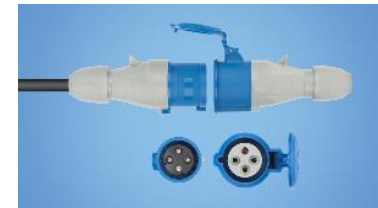
## Master & Slave



NEMA-L15 P&C / AC250V - 30A  
3P+E



NEMA-L15 P&C / AC250V - 50A  
3P+E



IEC 60309-P&C / AC240V - 32A/63A  
3P+E

## Note

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## Specifications / Electrical

	Specifications
Acceptable input voltage	Input AC 200V-3Phase / Output AC 200V-Single Phase
Maximum input current	30A/32A, 63A
Input frequency	50 / 60 Hz
Input connection	30A/32A, 63A, 4-pin 3P+E / NEMA or IEC 60309
Input power	30A,32A / 10.3 ~ 11.0 kVA , 63A / 21.8 kVA
Output Voltage	AC 200-240 V
Max. output current (outlet)	IEC320-C13/ 10A, IEC320-C19/ 16A
Max. output current (phase)	32A : 45A (15A - 3 Line) / 63A : 90A (30A - 3 Line)
Max. output current (bank)	30A,32A/ 15A - 1 Bank, 63A/ 30A - 1 Bank
Output connections	S3452412W4 / C13-24W/ C19-12W S3902412W4 / C13-24W/ C19-12W
Overload protection	15A / 30A Circuit breaker x 3

## Physical

(Model- S3452412W4, S3902412W4)

	Specifications
Dimensions (H x W x D)	1725 x 90 x 57 mm
Power cord length	2.0 m or 3.0 m
Shipping dimensions	-
Weight/ shipping weight	7.5 kg
Temperature / humidity - operating	-5 to 60 °C / 5-95 % RH

## Safety verifications

Unit	Specifications
Product	KC/ JH04186 – 21001 (220V-30A)
Outlet C13/ C19	UL, CE
Input connection receptacle & Cable	UL, CE

## Master & Slave



NEMA-L15 P&C / AC250V - 30A  
3P+E



NEMA-L15 P&C / AC250V - 50A  
3P+E



IEC 60309-P&C / AC240V - 32A/63A  
3P+E

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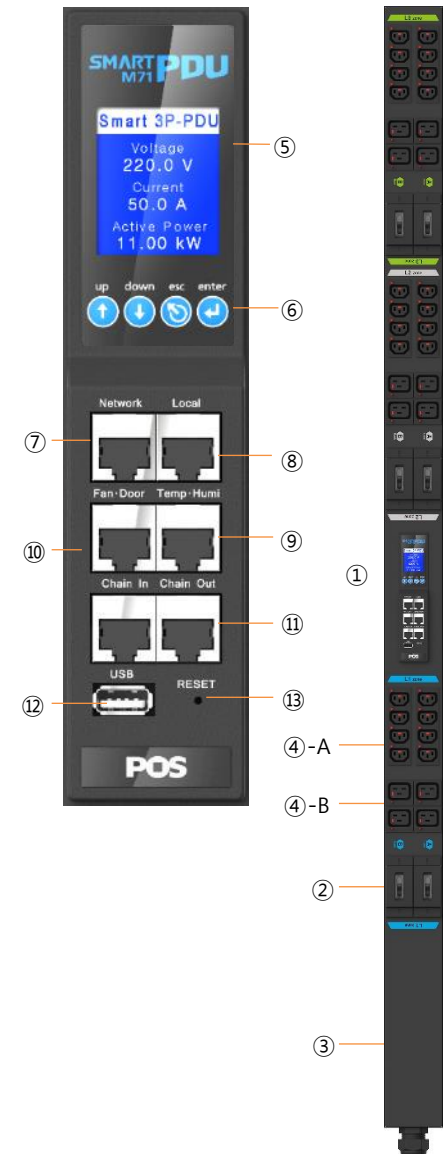
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②	Circuit Breaker	30A (30A x 6)   3-Line
③	Terminal Block	3P+E
④	Outlets / A-C13, B-C19	IEC320 C13/ C19 (Self Locking) UL, CE
⑤	Display & Alarm	M71/ TFT LCD
⑥	Control Button	M71/ Up, Down, Esc, Enter
⑦	Network Port	Ethernet / SNMP. TCP-IP Modbus, RS-485
⑧	Local Port	LMU Display (Option)
⑨	Temp/ Humi Port	Temp/ Humidity Sensor (Option)
⑩	Fan/ Door Port	Fan/ Door Status (Option)
⑪	Chain In/Out Port	Chain Connection / RS-485 Communication
⑫	USB Port	Firmware Upgrade
⑬	Reset Button	System Reset
	Input Cable AC200V - 110A / 3Phase	IEC 60502-1 VCT/ 25mm <sup>2</sup> , (4W), Cable Length/ 2M, 3M
	Input Receptacle AC200V - 125A / 3Phase	IEC 60309 (3P+E) IP44/ IP67 UL, CE



## Specifications / Electrical

	Specifications
Acceptable input voltage	Input AC 200V-3Phase / Output AC 200V-Single Phase
Maximum input current	110A
Input frequency	50 / 60 Hz
Input connection	125A, 4-pin 3P+E / IEC 60309
Input power	38.0 kVA
Output Voltage	AC 200-240 V
Max. output current (outlet)	IEC320-C13/ 10A, IEC320-C19/ 16A
Max. output current (phase)	180A (60A - 3 Line)
Max. output current (bank)	60A (30A - 2 Bank)
Output connections	S31802412W4 / C13-24W/ C19-12
Overload protection	30A Circuit breaker x 6

## Physical

(Model- S31802412W4)

	Specifications
Dimensions (H x W x D)	1725 x 90 x 57 mm
Power cord length	2.0 m or 3.0 m
Shipping dimensions	-
Weight/ shipping weight	7.5 kg
Temperature / humidity - operating	-5 to 60 °C / 5-95 % RH

## Safety verifications

Unit	Specifications
Product	KC/ JH04186 – 21001 (220V-30A)
Outlet C13/ C19	UL, CE
Input connection receptacle & Cable	UL, CE

## Master & Slave



IEC 60309-P&C / AC240V - 125A  
3P+E

## Note

■ The safety load of the PDU is 2/3 of the rated load, and when using redundancy, the safety load is 1/3 of the rated load.

■ PDU comes with a complimentary 2-year warranty period from the date of purchase.



## Overview

The POS' Smart PDU is a power supply system for equipment installed in a rack.

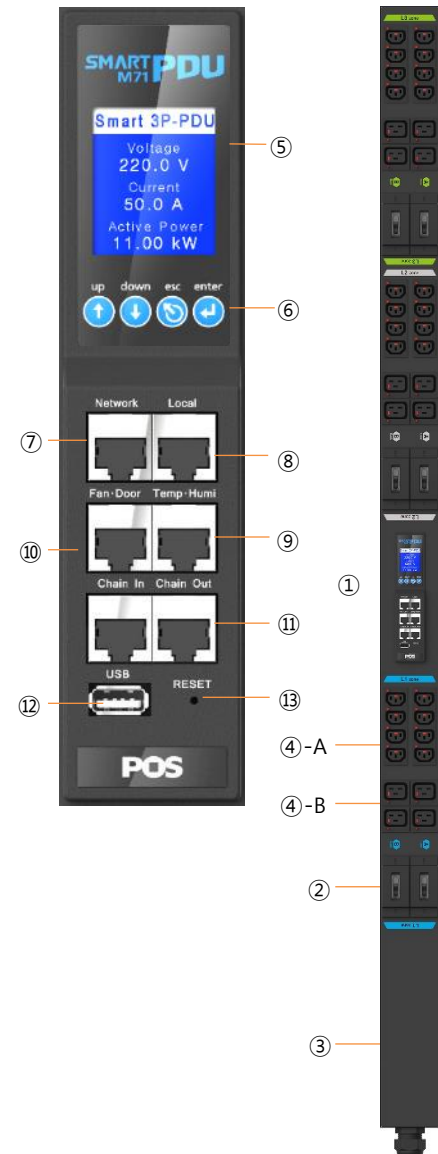
This is an innovative product that allows to monitor current, voltage, power, temperature, and humidity(Optional) inside a rack from a front screen of PDUs and racks.

In addition, Lighting Alarm function with set temperatures enables to identify alarms from a long distance, which allows preemptive response to system failures due to power overload, etc., providing operational convenience.

Smart PDU consists of M71, a product with master functions, and S71, a product with slave functions, which are used in parallel by chain; and the product provides remote monitoring via protocols such as SNMP and TCP-IP Modbus over network(ethernet).

## Unit Features

No	Unit	Function
①	M71 / S71 Control Unit	M71/ Master Function, S71/ Slave Function, RS-485 Communication Hot Swap Type Module (Can be swapped when PDU is operating.)
②	Circuit Breaker	30A (30A x 3)
③	Terminal Block	3P+N+E
④	Outlets / A-C13, B-C19	IEC320 C13/ C19 (Self Locking) UL, CE
⑤	Display & Alarm	M71/ TFT LCD
⑥	Control Button	M71/ Up, Down, Esc, Enter
⑦	Network Port	Ethernet / SNMP. TCP-IP Modbus, RS-485
⑧	Local Port	LMU Display (Option)
⑨	Temp/ Humi Port	Temp/ Humidity Sensor (Option)
⑩	Fan/ Door Port	Fan/ Door Status (Option)
⑪	Chain In/Out Port	Chain Connection / RS-485 Communication
⑫	USB Port	Firmware Upgrade
⑬	Reset Button	System Reset
	Input Cable AC380 -32A, 63A /3Phase	IEC 60502-1 VCT/ 6mm <sup>2</sup> , 10mm <sup>2</sup> (5W), Cable Length/ 2M, 3M
	Input Receptacle AC380 -32A, 63A/3Phase	IEC 60309 (3P+N+E) IP44/ IP67 UL, CE



(Model- S3903606W5S)

## Specifications / Electrical

	Specifications
Acceptable input voltage	Input AC346~415V 3Phase / Output AC 200V-Single Phase
Maximum input current	32A
Input frequency	50 / 60 Hz
Input connection	32A, 5-pin 3P+N+E, IEC 60309
Input power	19.1 ~ 23.0 kVA
Output Voltage	AC 200-240 V
Max. output current (outlet)	IEC320-C13/ 10A, IEC320-C19/ 16A
Max. output current (phase)	90A (30A - 3 Line)
Max. output current (bank)	30A - 1 Bank
Output connections	S3903606W5 / C13-36W/ C19-6W
Overload protection	30A Circuit breaker x 3

## Physical

	Specifications
Dimensions (H x W x D)	1725 x 85 x 50 mm
Power cord length	2.0 m or 3.0 m
Shipping dimensions	-
Weight/ shipping weight	7.5 kg
Temperature / humidity - operating	-5 to 60 °C / 5-95 % RH

## Safety verifications

Unit	Specifications
Product	KC/ JH04186 – 21001 (220V-30A)
Outlet C13/ C19	UL, CE
Input connection receptacle & Cable	UL, CE

### Master & Slave



IEC 60309-P&C / AC346~415V / 32A  
3P+N+E

### Note

■ The safety load of the PDU is 2/3 of the rated load, and when using redundancy, the safety load is 1/3 of the rated load.

■ PDU comes with a complimentary 2-year warranty period from the date of purchase.

(Model- S3902412W5)

## Specifications / Electrical

	Specifications
Acceptable input voltage	Input AC346~415V 3Phase / Output AC 200V-Single Phase
Maximum input current	32A
Input frequency	50 / 60 Hz
Input connection	32A, 5-pin 3P+N+E, IEC 60309
Input power	19.1 ~ 23.0 kVA
Output Voltage	AC 200-240 V
Max. output current (outlet)	IEC320-C13/ 10A, IEC320-C19/ 16A
Max. output current (phase)	90A (30A - 3 Line)
Max. output current (bank)	30A - 1 Bank / 15A - 2 Bank
Output connections	S3902412W5 / C13-24W/ C19-12W
Overload protection	B1-30A / B2-15A Circuit breaker x 3 / 6

## Physical

	Specifications
Dimensions (H x W x D)	1725 x 90 x 50 mm
Power cord length	2.0 m or 3.0 m
Shipping dimensions	-
Weight/ shipping weight	7.5 kg
Temperature / humidity - operating	-5 to 60 °C / 5-95 % RH

## Safety verifications

Unit	Specifications
Product	KC/ JH04186 – 21001 (220V-30A)
Outlet C13/ C19	UL, CE
Input connection receptacle & Cable	UL, CE

### Master & Slave

Model- S3902412W5B1(S3902412W5B2)



IEC 60309-P&C / AC346~415V / 32A  
3P+N+E

### Note

■ The safety load of the PDU is 2/3 of the rated load, and when using redundancy, the safety load is 1/3 of the rated load.

■ PDU comes with a complimentary 2-year warranty period from the date of purchase.

(Model- S31802412W5, S31803606W5)

## Specifications / Electrical

	Specifications
Acceptable input voltage	Input AC346~415V 3Phase / Output AC 200V-Single Phase
Maximum input current	63A
Input frequency	50 / 60 Hz
Input connection	63A, 5-pin 3P+N+E, IEC 60309
Input power	37.7 ~ 45.2 kVA
Output Voltage	AC 200-240 V
Max. output current (outlet)	IEC320-C13/ 10A, IEC320-C19/ 16A
Max. output current (phase)	180A (60A - 3 Line)
Max. output current (bank)	30A - 2 Bank
Output connections	S31802412W5 / C13-24W/ C19-12W S31803606W5 / C13-36W/ C19-6W
Overload protection	30A Circuit breaker x 6

## Physical

	Specifications
Dimensions (H x W x D)	1725 x 90 x 50 mm
Power cord length	2.0 m or 3.0 m
Shipping dimensions	-
Weight/ shipping weight	7.5 kg
Temperature / humidity - operating	-5 to 60 °C / 5-95 % RH

## Safety verifications

Unit	Specifications
Product	KC/ JH04186 – 21001 (220V-30A)
Outlet C13/ C19	UL, CE
Input connection receptacle & Cable	UL, CE

## Master & Slave



IEC 60309-P&C / AC346~415V / 63A  
3P+N+E

## Note

■ The safety load of the PDU is 2/3 of the rated load, and when using redundancy, the safety load is 1/3 of the rated load.

■ PDU comes with a complimentary 2-year warranty period from the date of purchase.

## Overview

The POS' Smart PDU is a power supply system for equipment installed in a rack.

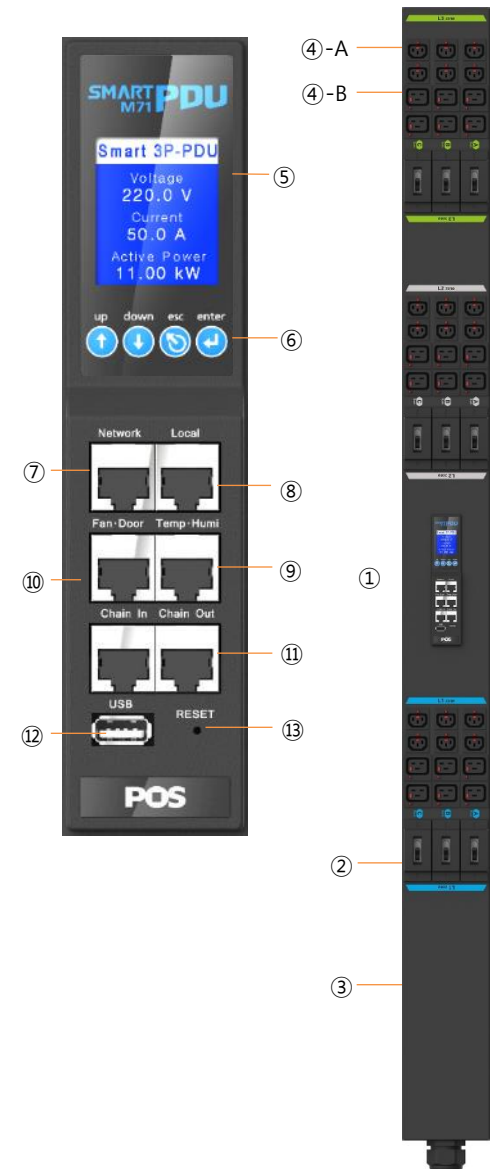
This is an innovative product that allows to monitor current, voltage, power, temperature, and humidity(Optional) inside a rack from a front screen of PDUs and racks.

In addition, Lighting Alarm function with set temperatures enables to identify alarms from a long distance, which allows preemptive response to system failures due to power overload, etc., providing operational convenience.

Smart PDU consists of M71, a product with master functions, and S71, a product with slave functions, which are used in parallel by chain; and the product provides remote monitoring via protocols such as SNMP and TCP-IP Modbus over network(ethernet).

## Unit Features

No	Unit	Function
①	M71 / S71 Control Unit	M71/ Master Function, S71/ Slave Function, RS-485 Communication Hot Swap Type Module (Can be swapped when PDU is operating.)
②	Circuit Breaker	30A (30A x 9) / 3-Line
③	Terminal Block	3P+N+E
④	Outlets / A-C13, B-C19	IEC320 C13/ C19 (Self Locking) UL, CE
⑤	Display & Alarm	M71/ TFT LCD
⑥	Control Button	M71/ Up, Down, Esc, Enter
⑦	Network Port	Ethernet / SNMP. TCP-IP Modbus, RS-485
⑧	Local Port	LMU Display (Option)
⑨	Temp/ Humi Port	Temp/ Humidity Sensor (Option)
⑩	Fan/ Door Port	Fan/ Door Status (Option)
⑪	Chain In/Out Port	Chain Connection / RS-485 Communication
⑫	USB Port	Firmware Upgrade
⑬	Reset Button	System Reset
	Input Cable AC380V - 100A / 3Phase	IEC 60502-1 VCT/ 25mm <sup>2</sup> (5W), Cable Length/ 2M, 3M
	Input Receptacle AC380V - 125A / 3Phase	IEC 60309 (3P+N+E) IP44/ IP67 UL, CE





(Model- S32701818W5)

## Specifications / Electrical

	Specifications
Acceptable input voltage	Input AC346~415V 3Phase / Output AC 200V-Single Phase
Maximum input current	96A
Input frequency	50 / 60 Hz
Input connection	125A, 5-pin 3P+N+E, IEC 60309
Input power	57.5 ~ 69.0 kVA
Output Voltage	AC 200-240 V
Max. output current (outlet)	IEC320-C13/ 10A, IEC320-C19/ 16A
Max. output current (phase)	270A (90A - 3 Line)
Max. output current (bank)	30A - 3 Bank
Output connections	S32701818W5 / C13-18W/ C19-18W
Overload protection	30A Circuit breaker x 9

## Physical

	Specifications
Dimensions (H x W x D)	1725 x 133 x 50 mm
Power cord length	2.0 m or 3.0 m
Shipping dimensions	-
Weight/ shipping weight	10.0 kg
Temperature / humidity - operating	-5 to 60 °C / 5-95 % RH

## Safety verifications

Unit	Specifications
Product	KC/ JH04186 – 21001 (220V-30A)
Outlet C13/ C19	UL, CE
Input connection receptacle & Cable	UL, CE

### Master & Slave



IEC 60309-P&C / AC346~415V / 125A  
3P+N+E

### Note

■ The safety load of the PDU is 2/3 of the rated load, and when using redundancy, the safety load is 1/3 of the rated load.

■ PDU comes with a complimentary 2-year warranty period from the date of purchase.

## Overview

The POS' Smart PDU is a power supply system for equipment installed in a rack.

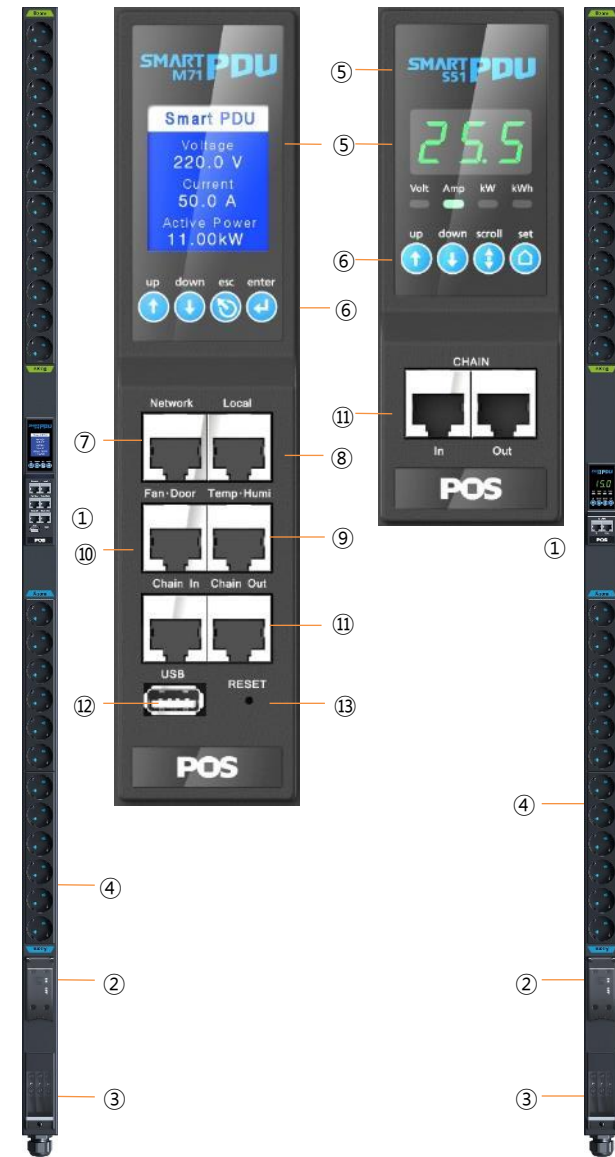
This is an innovative product that allows to monitor current, voltage, power, temperature, and Humidity (Optional) inside a rack from a front screen of PDUs and racks.

In addition, Lighting Alarm function with set temperatures enables to identify alarms from a long distance, which allows preemptive response to system failures due to power overload, etc., providing operational convenience.

Smart PDU consists of M71, a product with master functions, and S51, a product with slave functions, which are used in parallel by chain; and the product provides remote monitoring via protocols such as SNMP and TCP-IP Modbus over network(ethernet).

## Unit Features

No	Unit	Function
①	M71 / S51 Control Unit	M71/ Master Function, S51/ Slave Function, RS-485 Communication Hot Swap Type Module (Can be swapped when PDU is operating.)
②	Circuit Breaker	20A (20A x 1) / 1-Line
③	Terminal Block	2P+E
④	Outlets	DIN 49440
⑤	Display & Alarm	M71/ TFT LCD, S51/ 7-Segment
⑥	Control Button	M71/ Up, Down, Esc, Enter S51/ Up, Down, Scroll, Set
⑦	Network Port	Ethernet / SNMP. TCP-IP Modbus, RS-485
⑧	Local Port	LMU Display (Option)
⑨	Temp/ Humi Port	Temp/ Humidity Sensor (Option)
⑩	Fan/ Door Port	Fan/ Door Status (Option)
⑪	Chain In/Out Port	Chain Connection / RS-485 Communication
⑫	USB Port	Firmware Upgrade
⑬	Reset Button	System Reset
	Input Cable - 20A	IEC 60502-1 VCT/ 4.0mm <sup>2</sup> Cable Length/ 2M, 3M
	Input Plug - 20A	DIN 49441, IEC 60309 (2P+E) UL, CE / NEMA



## Specifications / Electrical

	Specifications
Acceptable input voltage	AC 200-240 V / Single Phase
Maximum input current	20A
Input frequency	50 / 60 Hz
Input connection	20A, 3-pin 2P+E / DIN 49441 or NEMA or IEC 60309
Input power	4.4 kVA
Output Voltage	AC 200-240 V
Max. output current (outlet)	DIN 49440 / 15A
Max. output current (phase)	20A - 1 Line
Max. output current (bank)	20A - 1 Bank
Output connections	SD22024 – DIN 24W
Overload protection	20A Circuit breaker x 1

## Physical

	Specifications
Dimensions (H x W x D)	1650 x 55 x 50 mm
Power cord length	2.0 m or 3.0 m
Shipping dimensions	-
Weight/ shipping weight	4.6 kg
Temperature / humidity - operating	-5 to 60 °C / 5-95 % RH

## Safety verifications

Unit	Specifications
Product	KC/ JH04186 – 21003
Outlet C13/ C19	UL, CE
Input connection plug & Cable	KC



DIN 49441



NEMA L6-20 P&amp;C / AC250V - 20A



IEC 60309-P&amp;C / AC240V - 20A

### Note

■ The safety load of the PDU is 2/3 of the rated load, and when using redundancy, the safety load is 1/3 of the rated load.

■ PDU comes with a complimentary 2-year warranty period from the date of purchase.

## Overview

The POS' Smart PDU is a power supply system for equipment installed in a rack.

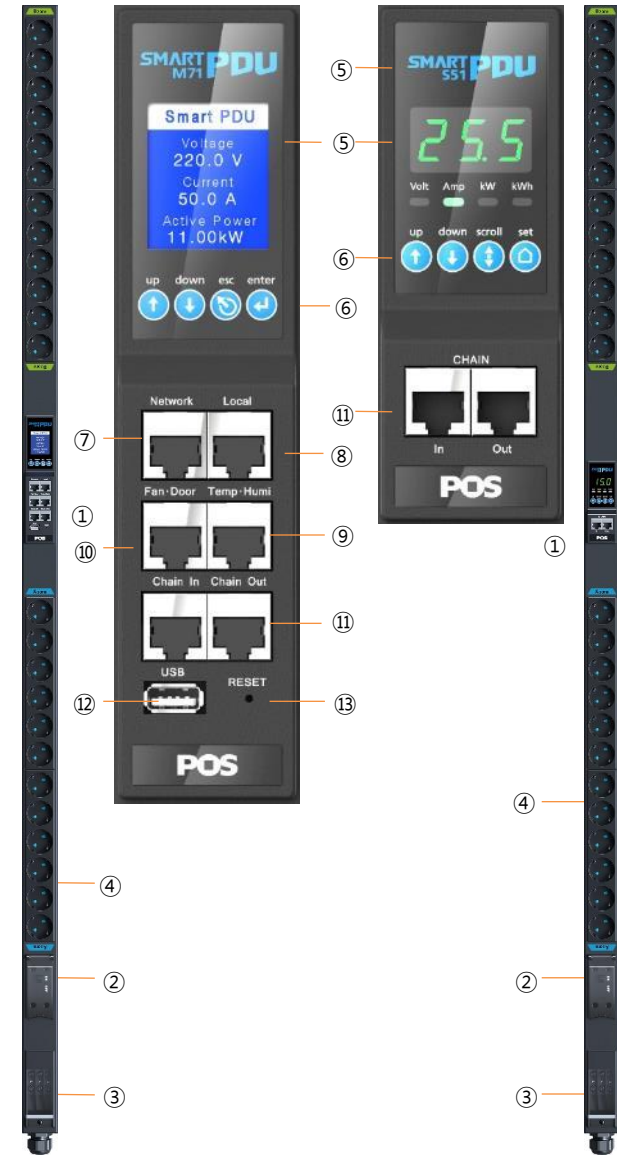
This is an innovative product that allows to monitor current, voltage, power, temperature, and Humidity (Optional) inside a rack from a front screen of PDUs and racks.

In addition, Lighting Alarm function with set temperatures enables to identify alarms from a long distance, which allows preemptive response to system failures due to power overload, etc., providing operational convenience.

Smart PDU consists of M71, a product with master functions, and S51, a product with slave functions, which are used in parallel by chain; and the product provides remote monitoring via protocols such as SNMP and TCP-IP Modbus over network(ethernet).

## Unit Features

No	Unit	Function
①	M71 / S51 Control Unit	M71/ Master Function, S51/ Slave Function, RS-485 Communication Hot Swap Type Module (Can be swapped when PDU is operating.)
②	Circuit Breaker	30A (30A x 1) / 1-Line
③	Terminal Block	2P+E
④	Outlets	DIN 49440
⑤	Display & Alarm	M71/ TFT LCD, S51/ 7-Segment
⑥	Control Button	M71/ Up, Down, Esc, Enter S51/ Up, Down, Scroll, Set
⑦	Network Port	Ethernet / SNMP. TCP-IP Modbus, RS-485
⑧	Local Port	LMU Display (Option)
⑨	Temp/ Humi Port	Temp/ Humidity Sensor (Option)
⑩	Fan/ Door Port	Fan/ Door Status (Option)
⑪	Chain In/Out Port	Chain Connection / RS-485 Communication
⑫	USB Port	Firmware Upgrade
⑬	Reset Button	System Reset
	Input Cable - 30A/32A	IEC 60502-1 VCT/ 6mm <sup>2</sup> Cable Length/ 2M, 3M
	Input Receptacle - 30A/32A	IEC 60309 (2P+E) IP44/ IP67 UL, CE / NEMA



## Specifications / Electrical

	Specifications
Acceptable input voltage	AC 200-240 V / Single Phase
Maximum input current	30A / 32A
Input frequency	50 / 60 Hz
Input connection	30A/32A, 3-pin 2P+E, IEC 60309
Input power	7.0 kVA
Output Voltage	AC 200-240 V
Max. output current (outlet)	DIN 49440 / 15A
Max. output current (phase)	30A - 1 Line / 15A - 2 Line
Max. output current (bank)	30A - 1 Bank / 15A - 2 Bank
Output connections	SD23024 – DIN 24W
Overload protection	30A x 1 (15A x 2) Circuit breaker

## Physical

	Specifications
Dimensions (H x W x D)	1650 x 55 x 50 mm
Power cord length	2.0 m or 3.0 m
Shipping dimensions	-
Weight/ shipping weight	5.6 kg
Temperature / humidity - operating	-5 to 60 °C / 5-95 % RH

## Safety verifications

Unit	Specifications
Product	KC/ JH04186 - 21002
Outlet C13/ C19	UL, CE
Input connection receptacle & Cable	UL, CE



NEMA L6-30 P&C / AC250V - 30A



IEC 60309-P&C / AC240V - 32A

### Note

■ The safety load of the PDU is 2/3 of the rated load, and when using redundancy, the safety load is 1/3 of the rated load.

■ PDU comes with a complimentary 2-year warranty period from the date of purchase.

## Overview

The POS' Smart PDU is a power supply system for equipment installed in a rack.

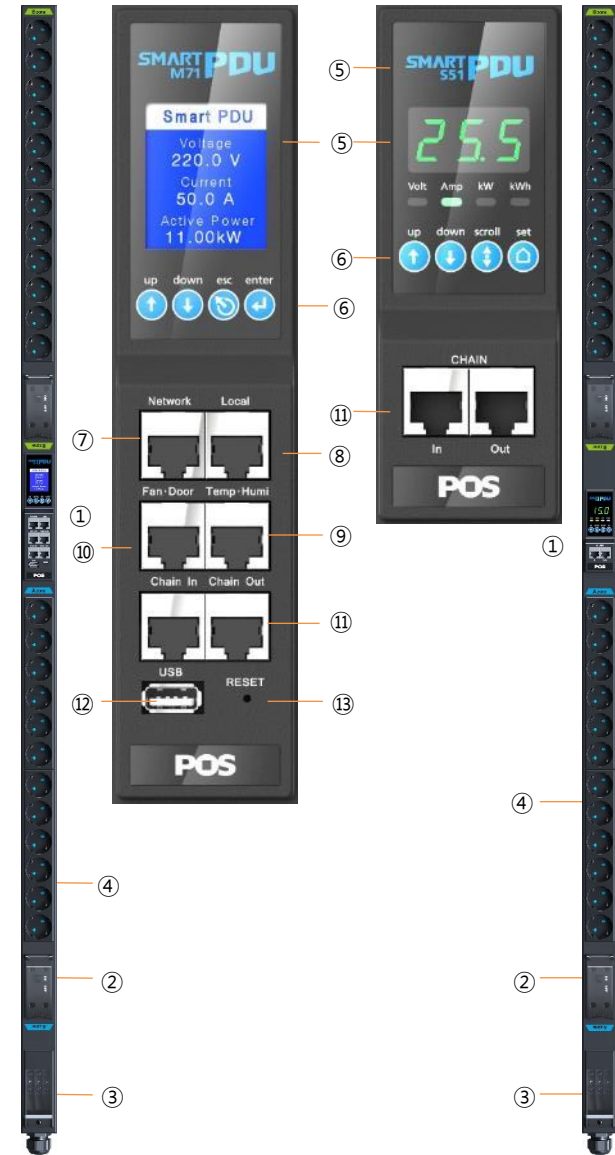
This is an innovative product that allows to monitor current, voltage, power, temperature, and Humidity(Optional) inside a rack from a front screen of PDUs and racks.

In addition, Lighting Alarm function with set temperatures enables to identify alarms from a long distance, which allows preemptive response to system failures due to power overload, etc., providing operational convenience.

Smart PDU consists of M71, a product with master functions, and S51, a product with slave functions, which are used in parallel by chain; and the product provides remote monitoring via protocols such as SNMP and TCP-IP Modbus over network(ethernet).

## Unit Features

No	Unit	Function
①	M71 / S51 Control Unit	M71/ Master Function, S51/ Slave Function, RS-485 Communication Hot Swap Type Module (Can be swapped when PDU is operating.)
②	Circuit Breaker	30A (30A x 2) / 2-Line
③	Terminal Block	2P+E
④	Outlets	DIN 49440
⑤	Display & Alarm	M71/ TFT LCD, S51/ 7-Segment
⑥	Control Button	M71/ Up, Down, Esc, Enter S51/ Up, Down, Scroll, Set
⑦	Network Port	Ethernet / SNMP. TCP-IP Modbus, RS-485
⑧	Local Port	LMU Display (Option)
⑨	Temp/ Humi Port	Temp/ Humidity Sensor (Option)
⑩	Fan/ Door Port	Fan/ Door Status (Option)
⑪	Chain In/Out Port	Chain Connection / RS-485 Communication
⑫	USB Port	Firmware Upgrade
⑬	Reset Button	System Reset
	Input Cable – 63A	IEC 60502-1 VCT/ 10mm <sup>2</sup> Cable Length/ 2M, 3M
	Input Receptacle -63A	IEC 60309 (2P+E) IP44/ IP67 UL, CE / NEMA





## Specifications / Electrical

	Specifications
Acceptable input voltage	AC 200-240 V / Single Phase
Maximum input current	63A
Input frequency	50 / 60 Hz
Input connection	63A, 3-pin 2P+E, IEC 60309
Input power	14.0 kVA
Output Voltage	AC 200-240 V
Max. output current (outlet)	DIN 49440 / 15A
Max. output current (phase)	60A (30A - 2 Line)
Max. output current (bank)	30A - 2 Bank
Output connections	SD26024 – DIN 24W
Overload protection	30A Circuit breaker x 2

## Physical

	Specifications
Dimensions (H x W x D)	1750 x 55 x 50 mm
Power cord length	2.0 m or 3.0 m
Shipping dimensions	-
Weight/ shipping weight	5.8 kg
Temperature / humidity - operating	-5 to 60 °C / 5-95 % RH

## Safety verifications

Unit	Specifications
Product	KC/ JH04186 – 21002 (30A)
Outlet C13/ C19	UL, CE
Input connection receptacle & Cable	UL, CE



IEC 60309-P&C / AC240V - 63A

## Note

■ The safety load of the PDU is 2/3 of the rated load, and when using redundancy, the safety load is 1/3 of the rated load.

■ PDU comes with a complimentary 2-year warranty period from the date of purchase.

## Specifications / Electrical

	Specifications
Acceptable input voltage	AC 200-240 V / Single Phase
Maximum input current	63A
Input frequency	50 / 60 Hz
Input connection	63A, 3-pin 2P+E, IEC 60309
Input power	14.0 kVA
Output Voltage	AC 200-240 V
Max. output current (outlet)	DIN 49440 / 15A
Max. output current (phase)	60A (30A - 2 Line)
Max. output current (bank)	30A - 2 Bank
Output connections	SD26048 - DIN 48W
Overload protection	30A Circuit breaker x 2

## Physical

	Specifications
Dimensions (H x W x D)	1750 x 100 x 50 mm
Power cord length	2.0 m or 3.0 m
Shipping dimensions	-
Weight/ shipping weight	7.5 kg
Temperature / humidity - operating	-5 to 60 °C / 5-95 % RH

## Safety verifications

Unit	Specifications
Product	KC/ JH04186 – 21002 (30A)
Outlet C13/ C19	UL, CE
Input connection receptacle & Cable	UL, CE



IEC 60309-P&C / AC240V - 63A

## Note

■ The safety load of the PDU is 2/3 of the rated load, and when using redundancy, the safety load is 1/3 of the rated load.

■ PDU comes with a complimentary 2-year warranty period from the date of purchase.

## Overview

The POS' Smart PDU is a power supply system for equipment installed in a rack.

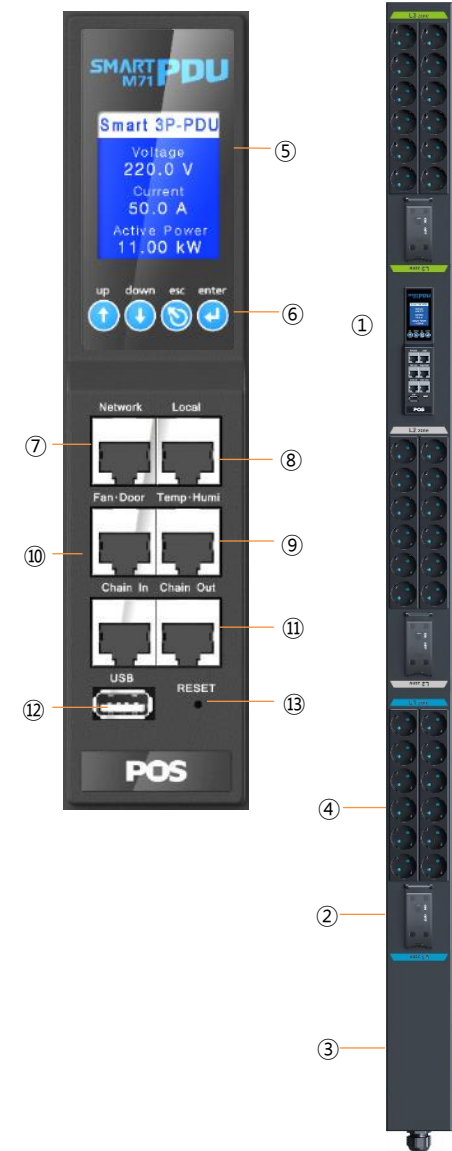
This is an innovative product that allows to monitor current, voltage, power, temperature, and Humidity(Optional) inside a rack from a front screen of PDUs and racks.

In addition, Lighting Alarm function with set temperatures enables to identify alarms from a long distance, which allows preemptive response to system failures due to power overload, etc., providing operational convenience.

Smart PDU consists of M71, a product with master functions, and S71, a product with slave functions, which are used in parallel by chain; and the product provides remote monitoring via protocols such as SNMP and TCP-IP Modbus over network(ethernet).

## Unit Features

No	Unit	Function
①	M71 / S71 Control Unit	M71/ Master Function, S71/ Slave Function, RS-485 Communication Hot Swap Type Module (Can be swapped when PDU is operating.)
②	Circuit Breaker	30A (30A x 3) / 3-Line
③	Terminal Block	3P+N+E
④	Outlets	DIN 49440
⑤	Display & Alarm	M71/ TFT LCD
⑥	Control Button	M71/ Up, Down, Esc, Enter
⑦	Network Port	Ethernet / SNMP, TCP-IP Modbus, RS-485
⑧	Local Port	LMU Display (Option)
⑨	Temp/ Humi Port	Temp/ Humidity Sensor (Option)
⑩	Fan/ Door Port	Fan/ Door Status (Option)
⑪	Chain In/Out Port	Chain Connection / RS-485 Communication
⑫	USB Port	Firmware Upgrade
⑬	Reset Button	System Reset
	Input Cable – AC380 -32A, 63A /3Phase	IEC 60502-1 VCT/ 6mm <sup>2</sup> , 10mm <sup>2</sup> (5W) Cable Length/ 2M, 3M
	Input Receptacle – AC380 -32A, 63A / 3Phase	IEC 60309 (3P+N+E) IP44/ IP67 UL, CE



## Specifications / Electrical

	Specifications
Acceptable input voltage	Input AC 380V-3Phase / Output AC 220V-Single Phase
Maximum input current	32A
Input frequency	50 / 60 Hz
Input connection	32A, 5-pin 3P+N+E, IEC 60309
Input power	21.0 kVA
Output Voltage	AC 200-240 V
Max. output current (outlet)	DIN 49440 / 15A
Max. output current (phase)	90A (30A - 3 Line)
Max. output current (bank)	30A - 1 Bank
Output connections	SD39036W5 – DIN 36W
Overload protection	30A Circuit breaker x 3

## Physical

	Specifications
Dimensions (H x W x D)	1725 x 100 x 50 mm
Power cord length	2.0 m or 3.0 m
Shipping dimensions	-
Weight/ shipping weight	7.5 kg
Temperature / humidity - operating	-5 to 60 °C / 5-95 % RH

## Safety verifications

Unit	Specifications
Product	KC/ JH04186 – 21002 (220V-30A)
Outlet C13/ C19	UL, CE
Input connection receptacle & Cable	UL, CE

### Master & Slave



IEC 60309-P&C / AC346~415V / 32A  
3P+N+E

### Note

■ The safety load of the PDU is 2/3 of the rated load, and when using redundancy, the safety load is 1/3 of the rated load.

■ PDU comes with a complimentary 2-year warranty period from the date of purchase.

## Specifications / Electrical

	Specifications
Acceptable input voltage	Input AC 380V-3Phase / Output AC 220V-Single Phase
Maximum input current	63A
Input frequency	50 / 60 Hz
Input connection	63A, 5-pin 3P+N+E, IEC 60309
Input power	42.0 kVA
Output Voltage	AC 200-240 V
Max. output current (outlet)	DIN 49440 / 15A
Max. output current (phase)	180A (60A - 3 Line)
Max. output current (bank)	30A - 2 Bank
Output connections	SD318036W5 – DIN 36W
Overload protection	30A Circuit breaker x 6

## Physical

	Specifications
Dimensions (H x W x D)	1725 x 100 x 50 mm
Power cord length	2.0 m or 3.0 m
Shipping dimensions	-
Weight/ shipping weight	7.5 kg
Temperature / humidity - operating	-5 to 60 °C / 5-95 % RH

## Safety verifications

Unit	Specifications
Product	KC/ JH04186 – 21002 (220V-30A)
Outlet C13/ C19	UL, CE
Input connection receptacle & Cable	UL, CE

## Master & Slave



IEC 60309-P&C / AC346~415V / 63A  
3P+N+E

## Note

■ The safety load of the PDU is 2/3 of the rated load, and when using redundancy, the safety load is 1/3 of the rated load.

■ PDU comes with a complimentary 2-year warranty period from the date of purchase.

## Overview

The POS' Smart PDU is a power supply system for equipment installed in a rack.

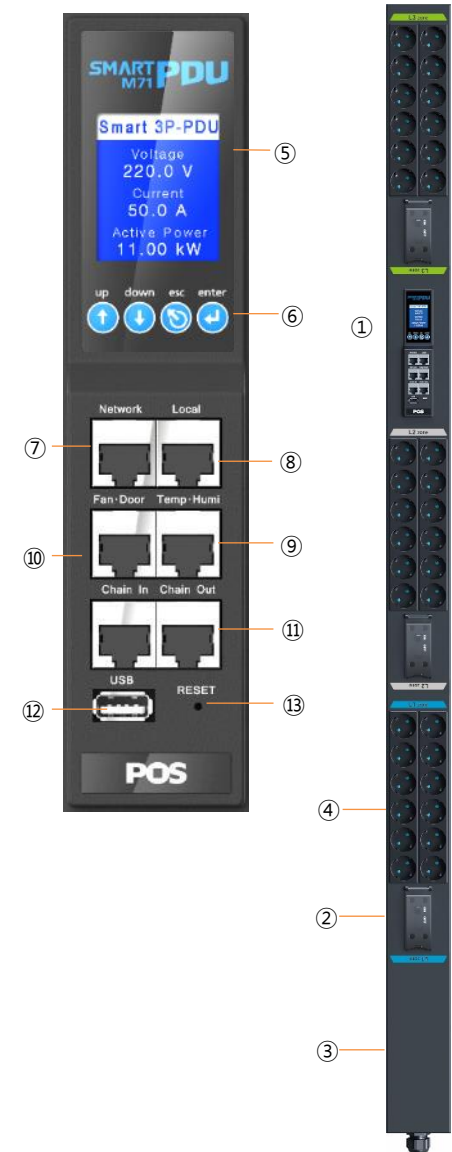
This is an innovative product that allows to monitor current, voltage, power, temperature, and Humidity(Optional) inside a rack from a front screen of PDUs and racks.

In addition, Lighting Alarm function with set temperatures enables to identify alarms from a long distance, which allows preemptive response to system failures due to power overload, etc., providing operational convenience.

Smart PDU consists of M71, a product with master functions, and S71, a product with slave functions, which are used in parallel by chain; and the product provides remote monitoring via protocols such as SNMP and TCP-IP Modbus over network(ethernet).

## Unit Features

No	Unit	Function
①	M71 / S71 Control Unit	M71/ Master Function, S71/ Slave Function, RS-485 Communication Hot Swap Type Module (Can be swapped when PDU is operating.)
②	Circuit Breaker	32A (15A x 3), 63A (30A x3) / 3-Line
③	Terminal Block	3P+E
④	Outlets	DIN 49440
⑤	Display & Alarm	M71/ TFT LCD
⑥	Control Button	M71/ Up, Down, Esc, Enter
⑦	Network Port	Ethernet / SNMP. TCP-IP Modbus, RS-485
⑧	Local Port	LMU Display (Option)
⑨	Temp/ Humi Port	Temp/ Humidity Sensor (Option)
⑩	Fan/ Door Port	Fan/ Door Status (Option)
⑪	Chain In/Out Port	Chain Connection / RS-485 Communication
⑫	USB Port	Firmware Upgrade
⑬	Reset Button	System Reset
	Input Cable AC220V - 32A, 63A /3Phase	IEC 60502-1 VCT/ 6mm <sup>2</sup> , 10mm <sup>2</sup> (4W) Cable Length/ 2M, 3M
	Input Receptacle AC220V - 32A /3Phase 63A /3Phase	IEC 60309 (3P+E) IP44/ IP67 UL, CE





## Specifications / Electrical

	Specifications
Acceptable input voltage	Input AC 220V-3Phase / Output AC 220V-Single Phase
Maximum input current	32A
Input frequency	50 / 60 Hz
Input connection	32A, 4-pin 3P+E, IEC 60309
Input power	12.1 kVA
Output Voltage	AC 200-240 V
Max. output current (outlet)	DIN 49440 / 15A
Max. output current (phase)	45A (15A - 3 Line)
Max. output current (bank)	15A - 1 Bank
Output connections	SD39036W4 - DIN 36W
Overload protection	15A Circuit breaker x 3

## Physical

	Specifications
Dimensions (H x W x D)	1725 x 100 x 50 mm
Power cord length	2.0 m or 3.0 m
Shipping dimensions	-
Weight/ shipping weight	7.5 kg
Temperature / humidity - operating	-5 to 60 °C / 5-95 % RH

## Safety verifications

Unit	Specifications
Product	KC/ JH04186 – 21002 (220V-30A)
Outlet C13/ C19	UL, CE
Input connection receptacle & Cable	UL, CE

## Master & Slave



IEC 60309-P&C / AC240V - 32A  
3P+E

## Note

■ The safety load of the PDU is 2/3 of the rated load, and when using redundancy, the safety load is 1/3 of the rated load.

■ PDU comes with a complimentary 2-year warranty period from the date of purchase.

## Specifications / Electrical

	Specifications
Acceptable input voltage	Input AC 220V-3Phase / Output AC 220V-Single Phase
Maximum input current	63A
Input frequency	50 / 60 Hz
Input connection	63A, 4-pin 3P+E, IEC 60309
Input power	24.0 kVA
Output Voltage	AC 200-240 V
Max. output current (outlet)	DIN 49440 / 15A
Max. output current (phase)	90A (30A - 3 Line)
Max. output current (bank)	30A - 1 Bank
Output connections	SD39036W4 - DIN 36W
Overload protection	30A Circuit breaker x 3

## Physical

	Specifications
Dimensions (H x W x D)	1725 x 100 x 50 mm
Power cord length	2.0 m or 3.0 m
Shipping dimensions	-
Weight/ shipping weight	7.5 kg
Temperature / humidity - operating	-5 to 60 °C / 5-95 % RH

## Safety verifications

Unit	Specifications
Product	KC/ JH04186 – 21002 (220V-30A)
Outlet C13/ C19	UL, CE
Input connection receptacle & Cable	UL, CE

## Master & Slave



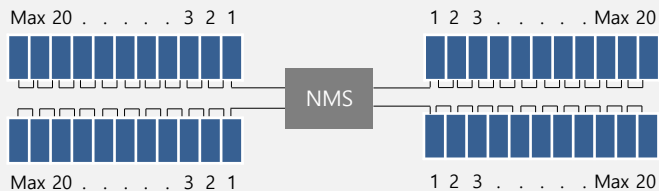
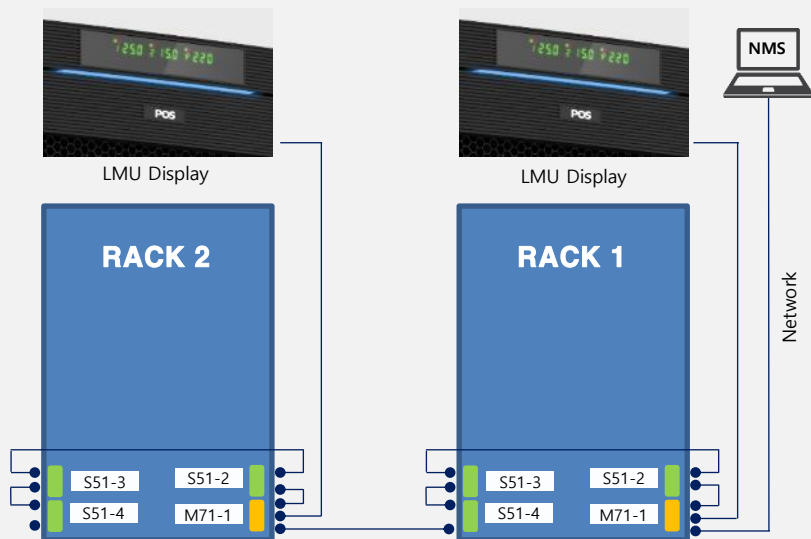
IEC 60309-P&C / AC240V - 63A  
3P+E

## Note

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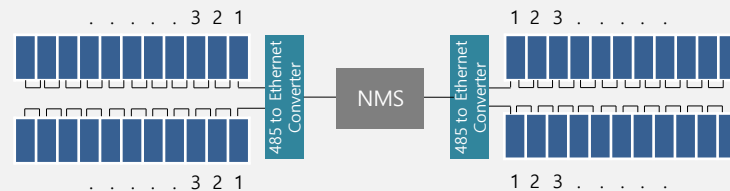
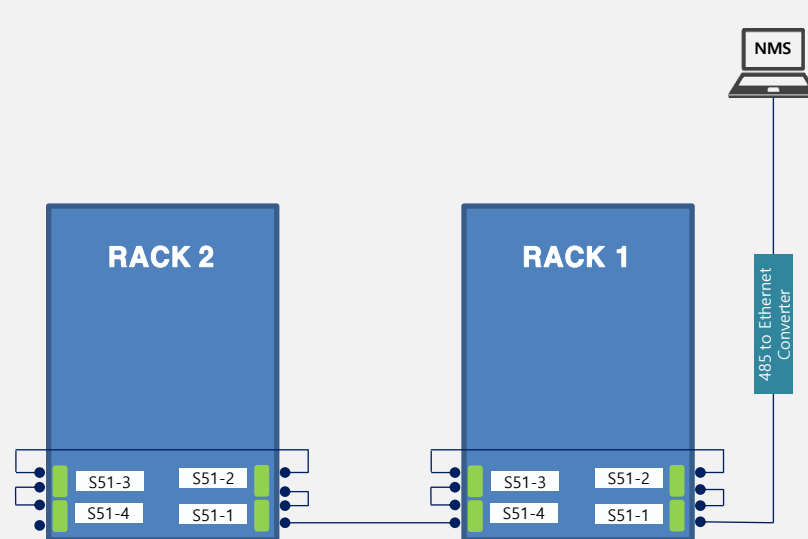
■ PDU comes with a complimentary 2-year warranty period from the date of purchase.

## Smart PDU – M71+S51(S71) Diagram



- Ethernet Communication
- Without Ethernet Converter, capable of accommodating Rack/ 20Set, PDU/ 80Set

## Smart PDU – All S51 Diagram



- RS-485 Communication
- 485 to Ethernet Converter can accommodate 16 PDU. (Optional)



## 1. Smart RACK

- RACK comes with a complimentary 2-year warranty period from the date of purchase.
- 

## 2. Smart PDU

- RACK PDU has an error range of  $\pm 3\%$  for voltage, current and temperature measurements and an error range of  $\pm 5\%$  for humidity measurements. (Not recommended for precision measurement purposes)
  - Operating RACK PDU beyond its rated load can pose a danger such as a fire hazard due to overload. The recommended safety load is 2/3 of the rated load, and when using redundancy, it is 1/3 of the rated load.
  - When operating in enclosed areas or locations with multiple RACKs installed, ensure that the ambient temperature of RACK PDU does not exceed the safe operating temperature range of PDU,  $-5\sim 40\text{ }^{\circ}\text{C}$ .
  - Do not operate PDU without PDU cover in place.
  - Avoid working in hazardous situations or working alone when dealing with PDU.
  - PDU comes with a complimentary 2-year warranty period from the date of purchase.
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## 3. Smart Containment

- Containment comes with a complimentary 2-year warranty period from the date of purchase.
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## 4. Other Products

- Other Products come with a complimentary 2-year warranty period from the date of purchase.



Innovative Technologies and Passion  
– The Philosophy of POS

**Thank you**



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