

Smart Rack PDU



PDU is perfection personified

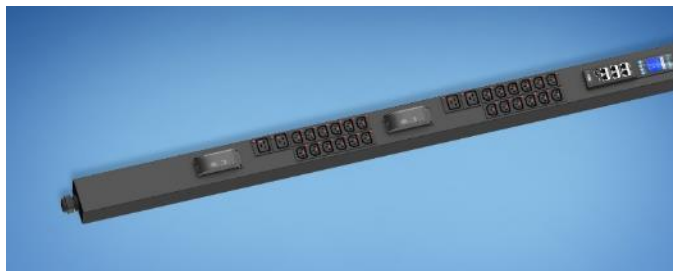


Smart PDU

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.

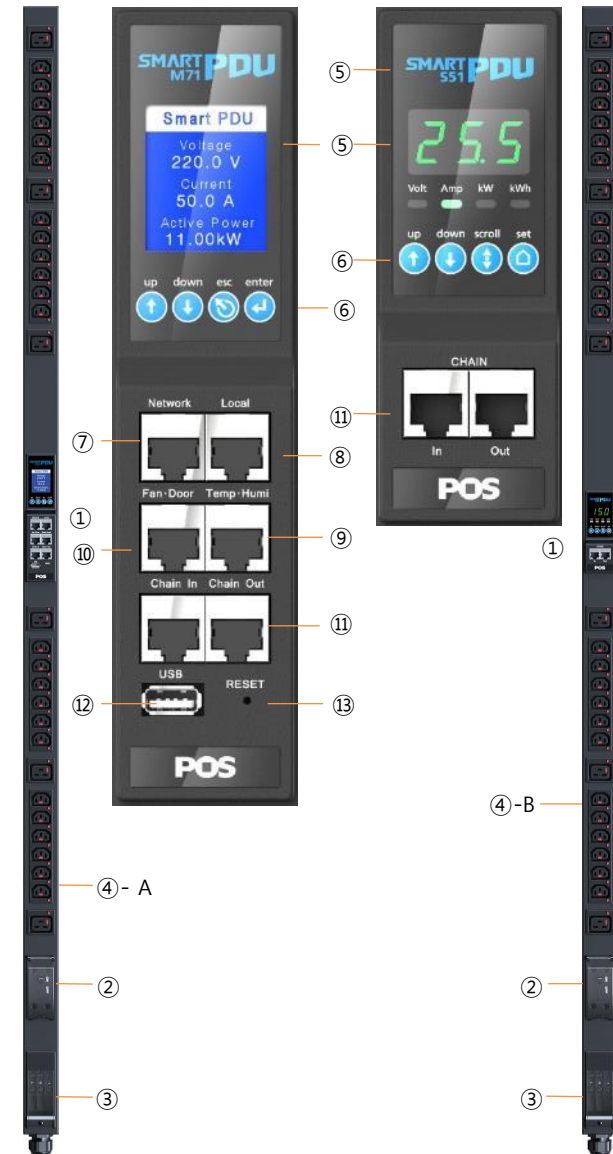
This is an innovative product that allows to monitor current, voltage, power, temperature, and humidity(Optional) inside a rack from a front screen of PDUs and racks.

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)
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 ² , 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)	IEC-320-C13/ 10A, IEC-320-C19/ 16A
Max. output current (phase)	20 A
Max. output current (bank)	
Output connections	S1202406 / C13-24W/ C19-6W,
Overload protection	20A 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	4.6 kg
Temperature / humidity - operating	-5 to 40 °C / 5-95 % RH

Safety verifications

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

Master



Slave



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



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



IEC 60309-P&C / AC240V - 20A

Note

- PDU has an error range of $\pm 3\%$ for voltage, current, and temperature measurements, and an error range of $\pm 5\%$ for humidity measurements.
- 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.

- The safe operating temperature range for the space where PDU is installed is -5°C to 40°C.
- 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.

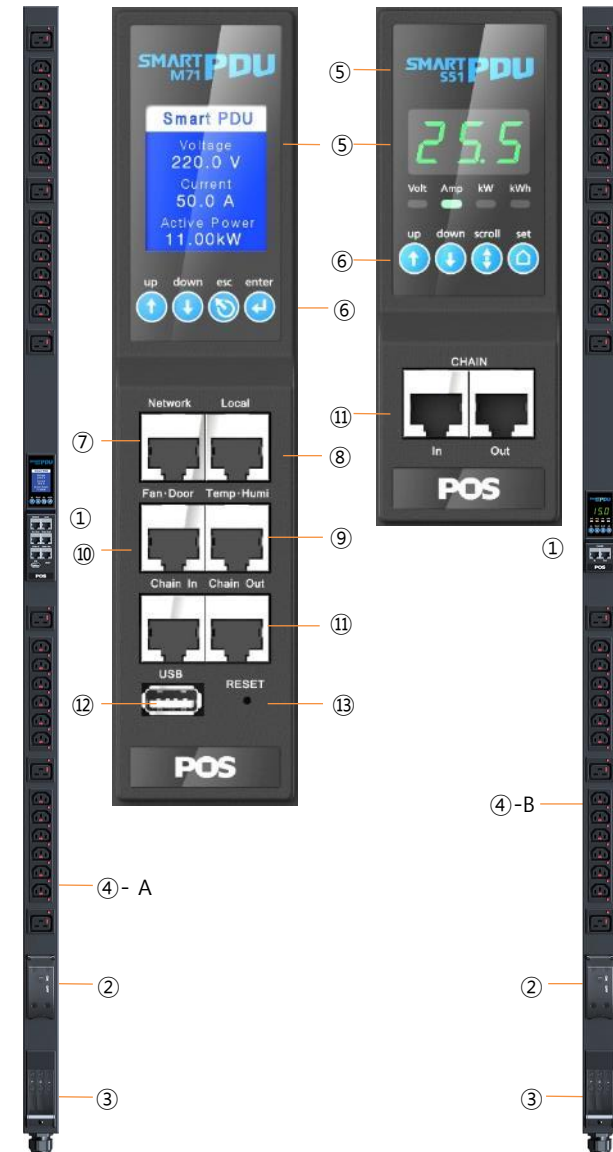
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Smart PDU consists of M71, a product with master functions, and S51, a product with slave functions, which are used in parallel by chain; and the product provides remote monitoring via protocols such as SNMP and TCP-IP Modbus over network(ethernet).

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)
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	IEC 60502-1 VCT/ 6mm ² Cable Length/ 2M, 3M
	Input Receptacle -30A	NEMA / IEC 60309 (2P+E) IP44/ IP67 UL, CE



Specifications / Electrical

	Specifications
Acceptable input voltage	AC 100-240 V / Single Phase
Maximum input current	30 A
Input frequency	50 / 60 Hz
Input connection	30 A, 3-pin 2P+E / NEMA or IEC 60309
Input power	100V - 3.0 kVA / 200V – 6.0 kVA
Output Voltage	AC 100-240 V
Max. output current (outlet)	IEC 320-C13/ 10A, IEC 320-C19/ 16A
Max. output current (phase)	30A x 1 Line
Max. output current (bank)	
Output connections	S1302406 / C13-24W/ C19-6W
Overload protection	30A 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 40 °C / 5-95 % RH

Safety verifications

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

Master



Slave



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



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



IEC 60309-P&C / AC240V - 30A

Note

- PDU has an error range of $\pm 3\%$ for voltage, current, and temperature measurements, and an error range of $\pm 5\%$ for humidity measurements.
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- The safe operating temperature range for the space where PDU is installed is -5°C to 40°C.
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Overview

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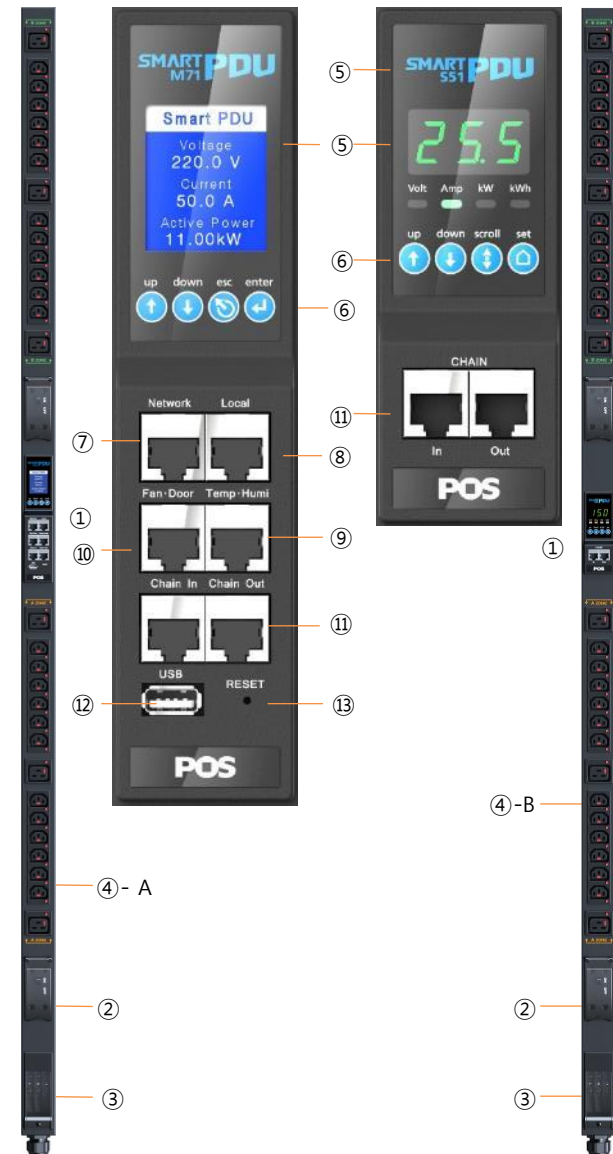
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Unit Features

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	60A (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 – 60A	IEC 60502-1 VCT/ 10mm ² Cable Length/ 2M, 3M
	Input Receptacle -60A	NEMA / IEC 60309 (2P+E) IP44/ IP67 UL, CE



Specifications / Electrical

	Specifications
Acceptable input voltage	AC 100-240 V / Single Phase
Maximum input current	60 A
Input frequency	50 / 60 Hz
Input connection	63 A, 3-pin 2P+E / NEMA or IEC 60309
Input power	100V - 6.0 kVA / 200V – 12.0 kVA
Output Voltage	AC 100-240 V
Max. output current (outlet)	IEC 320-C13/ 10A, IEC 320-C19/ 16A
Max. output current (phase)	60 A (30A x 2 Line)
Max. output current (bank)	30 A
Output connections	S1602406 / 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 40 °C / 5-95 % RH

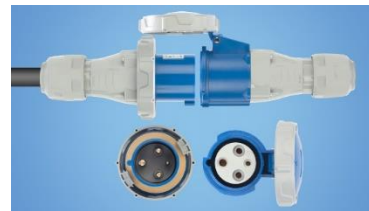
Safety verifications

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

Master



Slave



IEC 60309-P&C / AC240V - 63A

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Specifications / Electrical

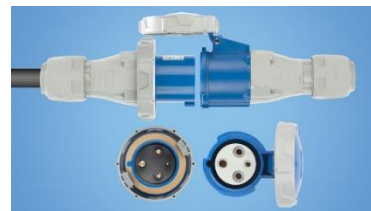
	Specifications
Acceptable input voltage	AC 100-240 V / Single Phase
Maximum input current	60 A
Input frequency	50 / 60 Hz
Input connection	63 A, 3-pin 2P+E / NEMA or IEC 60309
Input power	100V - 6.0 kVA / 200V – 12.0 kVA
Output Voltage	AC 100-240 V
Max. output current (outlet)	IEC 320-C13/ 10A, IEC 320-C19/ 16A
Max. output current (phase)	60 A (30A x 2 Line)
Max. output current (bank)	30 A
Output connections	S1604806 / 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 40 °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

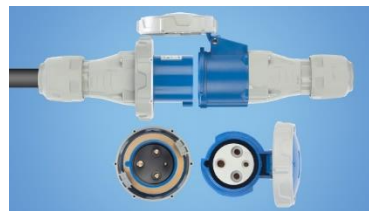
	Specifications
Acceptable input voltage	AC 100-240 V / Single Phase
Maximum input current	60 A
Input frequency	50 / 60 Hz
Input connection	63 A, 3-pin 2P+E / NEMA or IEC 60309
Input power	100V - 6.0 kVA / 200V - 12.0 kVA
Output Voltage	AC 100-240 V
Max. output current (outlet)	IEC 320-C13/ 10A, IEC 320-C19/ 16A
Max. output current (phase)	60 A (30A x 2 Line)
Max. output current (bank)	30 A
Output connections	S1603212 / 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 40 °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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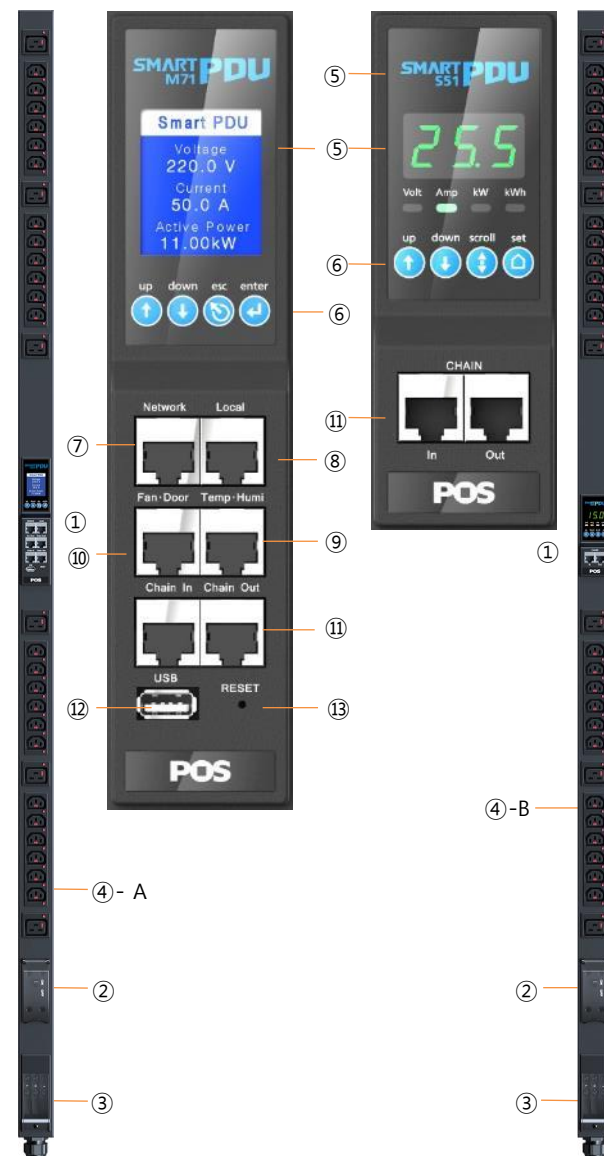
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Unit Features

No	Unit	Function
①	M71 / 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+N+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	IEC 60502-1 VCT/ 6mm ² Cable Length/ 2M, 3M
	Input Receptacle -30A	NEMA (2P+N+E) / IEC 60309 (2P+N+E) IP44/ IP67 UL, CE



Specifications / Electrical

	Specifications
Acceptable input voltage	AC 200-240 V / 2 Phase
Maximum input current	30 A
Input frequency	50 / 60 Hz
Input connection	30 A, 4-pin 2P+N+E / NEMA or IEC 60309
Input power	200V - 6.0 kVA
Output Voltage	AC 100 V
Max. output current (outlet)	IEC 320-C13/ 10A, IEC 320-C19/ 16A
Max. output current (phase)	60 A (30A x 2 Line)
Max. output current (bank)	30 A
Output connections	S2602406W4 / 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	5.6 kg
Temperature / humidity - operating	-5 to 40 °C / 5-95 % RH

Safety verifications

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

Master



Slave



NEMA L14-30 P&C / AC125/250V - 30A
2P+N+E



IEC 60309-P&C / AC240V - 30A
2P+N+E

Note

- PDU has an error range of $\pm 3\%$ for voltage, current, and temperature measurements, and an error range of $\pm 5\%$ for humidity measurements.
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- The safe operating temperature range for the space where PDU is installed is -5°C to 40°C .
- PDU comes with a complimentary 2-year warranty period from the date of purchase.

Specifications / Electrical

	Specifications
Acceptable input voltage	AC 200-240 V / 2 Phase
Maximum input current	30 A
Input frequency	50 / 60 Hz
Input connection	30 A, 4-pin 2P+N+E / NEMA or IEC 60309
Input power	200V - 6.0 kVA
Output Voltage	AC 100 V
Max. output current (outlet)	IEC 320-C13/ 10A, IEC 320-C19/ 16A
Max. output current (phase)	60 A (30A x 2 Line)
Max. output current (bank)	30 A
Output connections	S2604806W4 / 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	5.6 kg
Temperature / humidity - operating	-5 to 40 °C / 5-95 % RH

Safety verifications

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

Master



Slave



NEMA L14-30 P&C / AC125/250V - 30A
2P+N+E



IEC 60309-P&C / AC240V - 30A
2P+N+E

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Specifications / Electrical

	Specifications
Acceptable input voltage	AC 200-240 V / 2 Phase
Maximum input current	30 A
Input frequency	50 / 60 Hz
Input connection	30 A, 4-pin 2P+N+E / NEMA or IEC 60309
Input power	200V - 6.0 kVA
Output Voltage	AC 100 V
Max. output current (outlet)	IEC 320-C13/ 10A, IEC 320-C19/ 16A
Max. output current (phase)	60 A (30A x 2 Line)
Max. output current (bank)	30 A
Output connections	S2603212W4 / 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	5.6 kg
Temperature / humidity - operating	-5 to 40 °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 L14-30 P&C / AC125/250V - 30A
2P+N+E



IEC 60309-P&C / AC240V - 30A
2P+N+E

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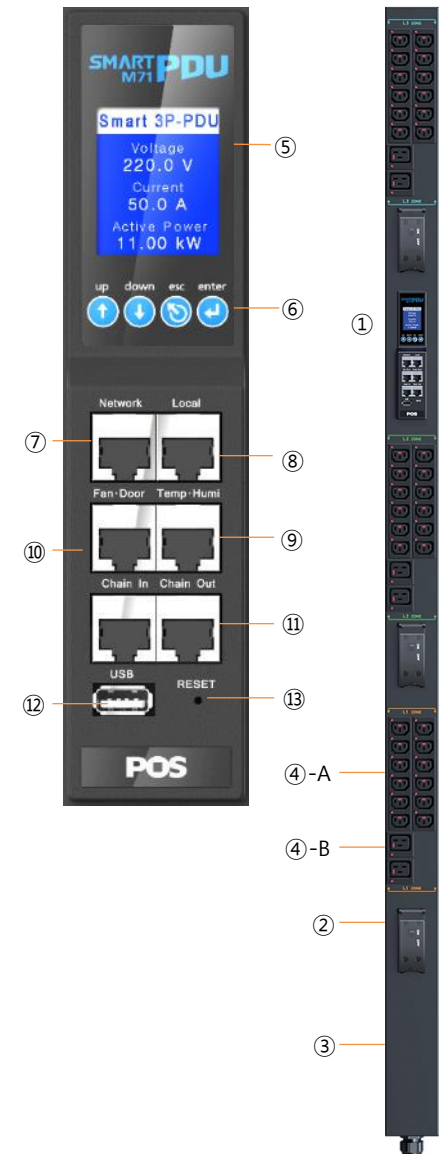
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Unit Features

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	20A (20A x3), 15A (15A x 3) / 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 AC220V - 50A, 30A / 3Phase	IEC 60502-1 VCT/ 6mm ² (4W), Cable Length/ 2M, 3M
	Input Receptacle AC220V - 50A / 3Phase - 30A / 3Phase	NAMA (3P+E) / IEC 60309 (3P+E) IP44/ IP67 UL, CE



(S3453606W4)

Specifications / Electrical

	Specifications
Acceptable input voltage	Input AC 200V-3Phase / Output AC 200V-Single Phase
Maximum input current	50A / 30A
Input frequency	50 / 60 Hz
Input connection	50A / 30A, 4-pin 3P+E / NEMA or IEC 60309
Input power	17.3 kVA / 10.3 kVA
Output Voltage	AC 200-240 V
Max. output current (outlet)	IEC 320-C13/ 10A, IEC 320-C19/ 16A
Max. output current (phase)	60A (20A x 3 Line) / 45A (15A x 3 Line)
Max. output current (bank)	20A / 15A
Output connections	S3603606W4 / C13-36W/ C19-6W S3453606W4 / C13-36W/ C19-6W
Overload protection	20A / 15A Circuit breaker x 3

Physical

	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 40 °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 - 60/30A
3P+E

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- The safe operating temperature range for the space where PDU is installed is -5°C to 40°C .
- PDU comes with a complimentary 2-year warranty period from the date of purchase.

(S3452412W4)

Specifications / Electrical

	Specifications
Acceptable input voltage	Input AC 200V-3Phase / Output AC 200V-Single Phase
Maximum input current	50A / 30A
Input frequency	50 / 60 Hz
Input connection	50A / 30A, 4-pin 3P+E / NEMA or IEC 60309
Input power	17.3 kVA / 10.3 kVA
Output Voltage	AC 200-240 V
Max. output current (outlet)	IEC 320-C13/ 10A, IEC 320-C19/ 16A
Max. output current (phase)	60A (20A x 3 Line) / 45A (15A x 3 Line)
Max. output current (bank)	20A / 15A
Output connections	S3602412W4 / C13-24W/ C19-12W S3452412W4 / C13-24W/ C19-12W
Overload protection	20A / 15A Circuit breaker x 3

Physical

	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 40 °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 - 60/30A
3P+E

Note

- PDU has an error range of $\pm 3\%$ for voltage, current, and temperature measurements, and an error range of $\pm 5\%$ for humidity measurements.
- 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.
- The safe operating temperature range for the space where PDU is installed is -5°C to 40°C .
- 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.

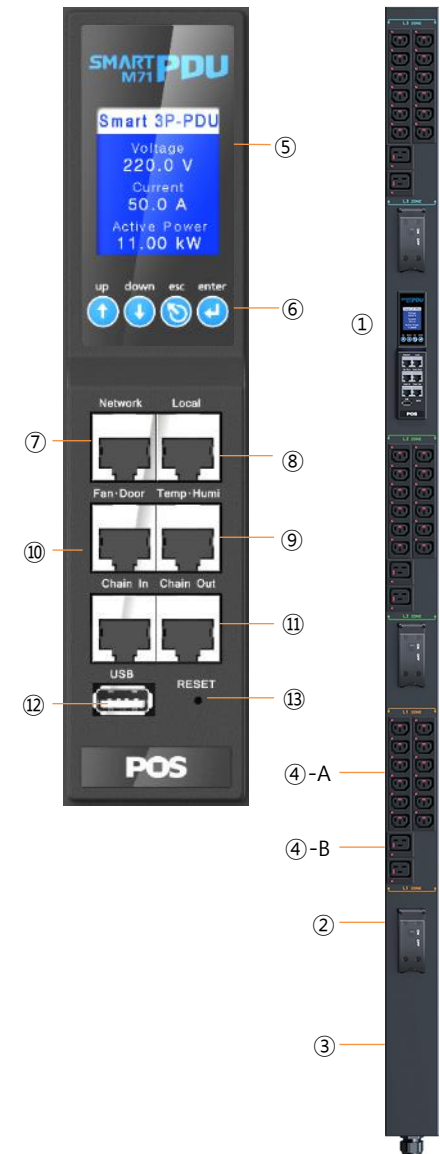
This is an innovative product that allows to monitor current, voltage, power, temperature, and humidity(Optional) inside a rack from a front screen of PDUs and racks.

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 -30A /3Phase	IEC 60502-1 VCT/ 6mm ² (5W), Cable Length/ 2M, 3M
	Input Receptacle – AC380 -30A/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	30 A
Input frequency	50 / 60 Hz
Input connection	32 A, 5-pin 3P+N+E, IEC-309
Input power	21.0 kVA
Output Voltage	AC 200-240 V
Max. output current (outlet)	IEC 320-C13/ 10A, IEC 320-C19/ 16A
Max. output current (phase)	90 A (30 A x 3 Line)
Max. output current (bank)	30 A
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 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 40 °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 / AC220/380V - 30A
3P+N+E

Note

- PDU has an error range of $\pm 3\%$ for voltage, current, and temperature measurements, and an error range of $\pm 5\%$ for humidity measurements.
- 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.
- The safe operating temperature range for the space where PDU is installed is -5°C to 40°C .
- 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	30 A
Input frequency	50 / 60 Hz
Input connection	32 A, 5-pin 3P+N+E, IEC-309
Input power	21.0 kVA
Output Voltage	AC 200-240 V
Max. output current (outlet)	IEC 320-C13/ 10A, IEC 320-C19/ 16A
Max. output current (phase)	90 A (30 A x 3 Line)
Max. output current (bank)	30 A
Output connections	S3902412W5 / C13-24W/ C19-12W
Overload protection	30A Circuit breaker x 3

Physical

	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 40 °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 / AC220/380V - 30A
3P+N+E

Note

- PDU has an error range of $\pm 3\%$ for voltage, current, and temperature measurements, and an error range of $\pm 5\%$ for humidity measurements.
- 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.
- The safe operating temperature range for the space where PDU is installed is -5°C to 40°C .
- PDU comes with a complimentary 2-year warranty period from the date of purchase.

Overview

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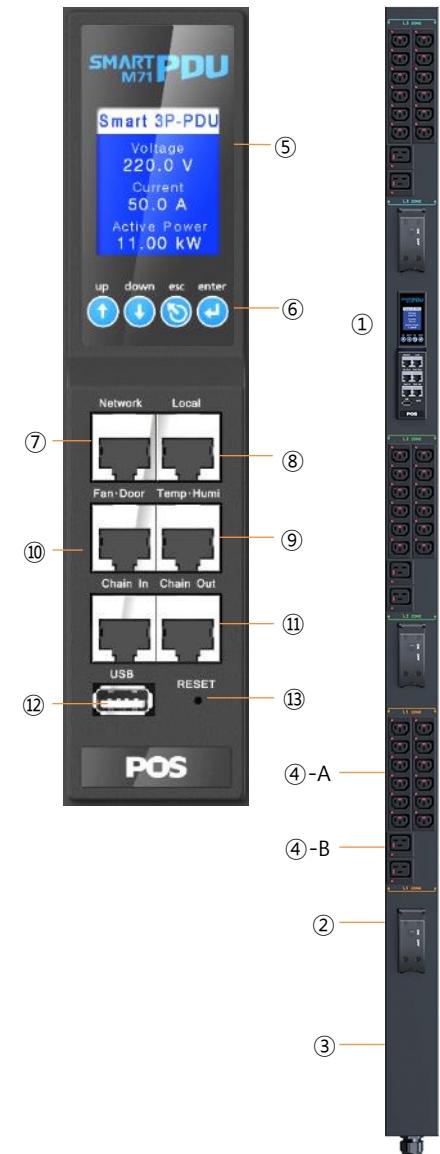
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Smart PDU consists of M71, a product with master functions, and S71, a product with slave functions, which are used in parallel by chain; and the product provides remote monitoring via protocols such as SNMP and TCP-IP Modbus over network(ethernet).

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 – AC200V -30A /3Phase	IEC 60502-1 VCT/ 6mm ² (5W), Cable Length/ 2M, 3M
	Input Receptacle – AC200V -30A/3Phase	IEC 60309 (3P+N+E) IP44/ IP67 UL, CE



Specifications / Electrical

	Specifications
Acceptable input voltage	Input AC 200V-3Phase / Output AC 100V-Single Phase
Maximum input current	30 A
Input frequency	50 / 60 Hz
Input connection	30A, 5-pin 3P+N+E / NEMA or IEC 60309
Input power	10.3 kVA
Output Voltage	AC 100 V
Max. output current (outlet)	IEC 320-C13/ 10A, IEC 320-C19/ 16A
Max. output current (phase)	90 A (30 A x 3 Line)
Max. output current (bank)	30 A
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 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 40 °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 L21-30 P&C / AC100/200V -30A
3P+N+E



IEC 60309-P&C / AC120/240V - 30A
3P+N+E

Note

- PDU has an error range of $\pm 3\%$ for voltage, current, and temperature measurements, and an error range of $\pm 5\%$ for humidity measurements.
- 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.

- The safe operating temperature range for the space where PDU is installed is -5°C to 40°C .
- PDU comes with a complimentary 2-year warranty period from the date of purchase.

Specifications / Electrical

	Specifications
Acceptable input voltage	Input AC 200V-3Phase / Output AC 100V-Single Phase
Maximum input current	30 A
Input frequency	50 / 60 Hz
Input connection	30A, 5-pin 3P+N+E / NEMA or IEC 60309
Input power	10.3 kVA
Output Voltage	AC 100 V
Max. output current (outlet)	IEC 320-C13/ 10A, IEC 320-C19/ 16A
Max. output current (phase)	90 A (30 A x 3 Line)
Max. output current (bank)	30 A
Output connections	S3902412W5 / C13-24W/ C19-12W
Overload protection	30A Circuit breaker x 3

Physical

	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 40 °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 L21-30 P&C / AC100/200V -30A
3P+N+E



IEC 60309-P&C / AC120/240V - 30A
3P+N+E

Note

- PDU has an error range of $\pm 3\%$ for voltage, current, and temperature measurements, and an error range of $\pm 5\%$ for humidity measurements.
- 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.

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Overview

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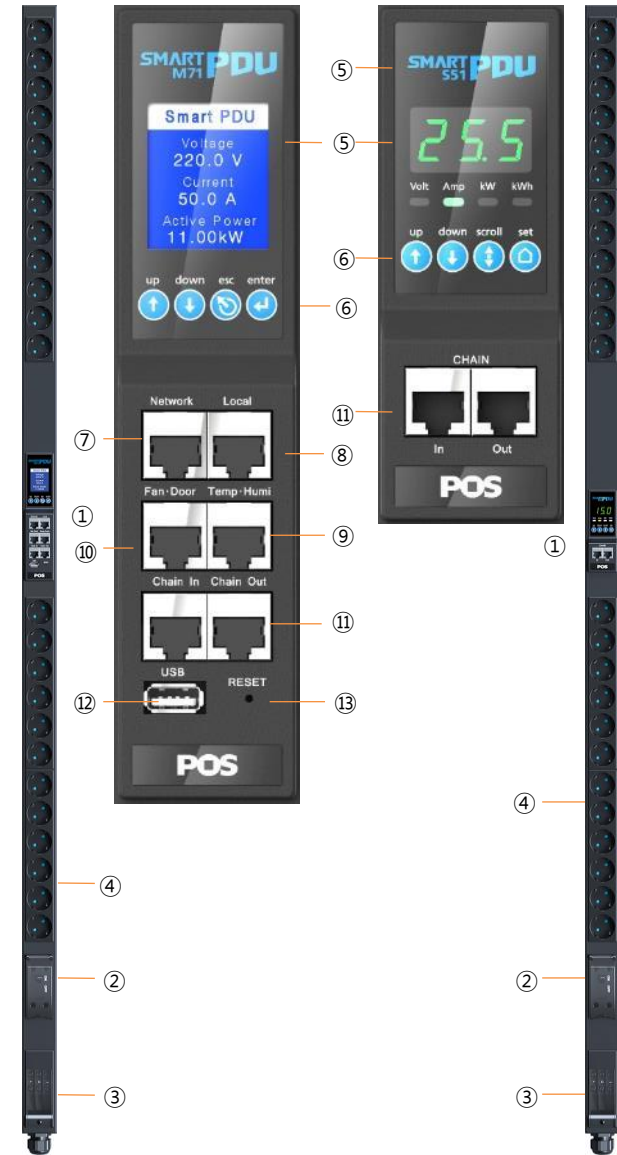
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Smart PDU consists of M71, a product with master functions, and S51, a product with slave functions, which are used in parallel by chain; and the product provides remote monitoring via protocols such as SNMP and TCP-IP Modbus over network(ethernet).

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)
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 ² Cable Length/ 2M, 3M
	Input Plug - 20A	IEC 49441, IEC 60309 (2P+E) UL, CE / NEMA



Specifications / Electrical

	Specifications
Acceptable input voltage	AC 200-240 V / Single Phase
Maximum input current	20 A
Input frequency	50 / 60 Hz
Input connection	20 A, 3-pin 2P+E / IEC 49441 or NEMA or IEC 60309
Input power	4.4 kVA
Output Voltage	AC 200-240 V
Max. output current (outlet)	DIN 49440 / 20A
Max. output current (phase)	20 A
Max. output current (bank)	20 A
Output connections	SD12024 – DIN 24W
Overload protection	20A 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	4.6 kg
Temperature / humidity - operating	-5 to 40 °C / 5-95 % RH

Safety verifications

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

Master



Slave



DIN 49441



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



IEC 60309-P&C / AC240V - 20A

Note

- PDU has an error range of $\pm 3\%$ for voltage, current, and temperature measurements, and an error range of $\pm 5\%$ for humidity measurements.
- 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.

- The safe operating temperature range for the space where PDU is installed is -5°C to 40°C.
- 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.

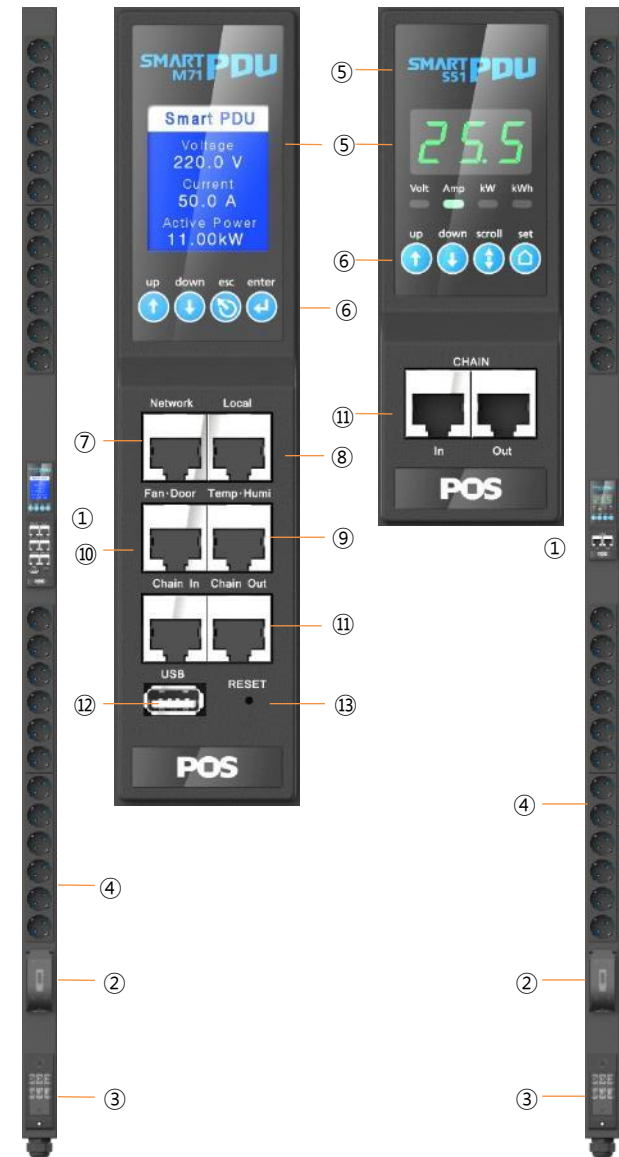
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In addition, Lighting Alarm function with set temperatures enables to identify alarms from a long distance, which allows preemptive response to system failures due to power overload, etc., providing operational convenience.

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)
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	IEC 60502-1 VCT/ 6mm ² Cable Length/ 2M, 3M
	Input Receptacle - 30A	IEC 60309 (2P+E) IP44/ IP67 UL, CE / NEMA



Specifications / Electrical

	Specifications
Acceptable input voltage	AC 200-240 V / Single Phase
Maximum input current	30 A
Input frequency	50 / 60 Hz
Input connection	32 A, 3-pin 2P+E, IEC-309
Input power	7.0 kVA
Output Voltage	AC 200-240 V
Max. output current (outlet)	DIN 49440 / 15A
Max. output current (phase)	30A x 1 Line (15A x 2 Line)
Max. output current (bank)	30A (15 A)
Output connections	SD13024 – 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 40 °C / 5-95 % RH

Safety verifications

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

Master



Slave



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



IEC 60309-P&C / AC240V - 30A

Note

- PDU has an error range of $\pm 3\%$ for voltage, current, and temperature measurements, and an error range of $\pm 5\%$ for humidity measurements.
- 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.

- The safe operating temperature range for the space where PDU is installed is -5°C to 40°C .
- 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.

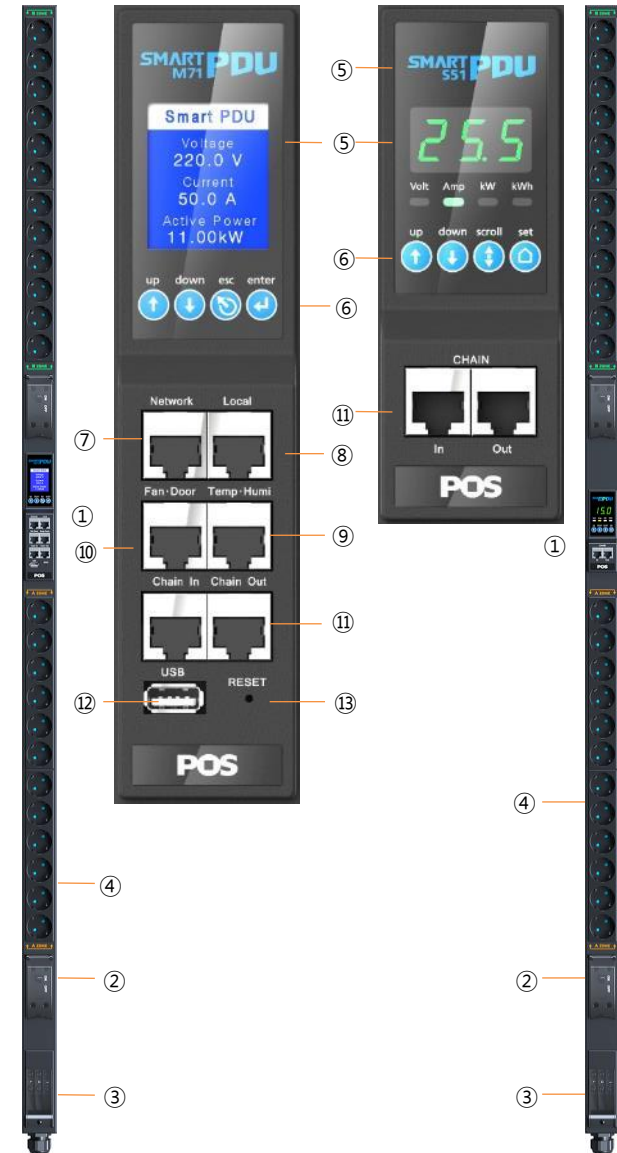
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In addition, Lighting Alarm function with set temperatures enables to identify alarms from a long distance, which allows preemptive response to system failures due to power overload, etc., providing operational convenience.

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	60A (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 – 60A	IEC 60502-1 VCT/ 10mm ² Cable Length/ 2M, 3M
	Input Receptacle -60A	IEC 60309 (2P+E) IP44/ IP67 UL, CE / NEMA



Specifications / Electrical

	Specifications
Acceptable input voltage	AC 200-240 V / Single Phase
Maximum input current	60 A
Input frequency	50 / 60 Hz
Input connection	60 A, 3-pin 2P+E, IEC-309
Input power	14.0 kVA
Output Voltage	AC 200-240 V
Max. output current (outlet)	DIN 49440 / 15A
Max. output current (phase)	60 A (30A x 2 Line)
Max. output current (bank)	30 A
Output connections	SD16024 – 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 40 °C / 5-95 % RH

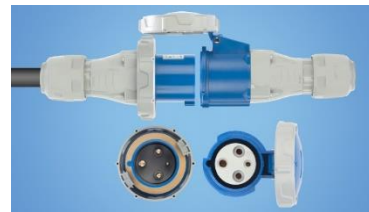
Safety verifications

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

Master



Slave



IEC 60309-P&C / AC240V - 63A

Note

- PDU has an error range of $\pm 3\%$ for voltage, current, and temperature measurements, and an error range of $\pm 5\%$ for humidity measurements.
- 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.
- The safe operating temperature range for the space where PDU is installed is -5°C to 40°C .
- 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	60 A
Input frequency	50 / 60 Hz
Input connection	60 A, 3-pin 2P+E, IEC-309
Input power	14.0 kVA
Output Voltage	AC 200-240 V
Max. output current (outlet)	DIN 49440 / 15A
Max. output current (phase)	60 A (30A x 2 Line)
Max. output current (bank)	30 A
Output connections	SD16048 – 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 40 °C / 5-95 % RH

Safety verifications

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

Master

Slave



IEC 60309-P&C / AC240V - 63A

Note

- PDU has an error range of $\pm 3\%$ for voltage, current, and temperature measurements, and an error range of $\pm 5\%$ for humidity measurements.
- 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.
- The safe operating temperature range for the space where PDU is installed is -5°C to 40°C .
- 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.

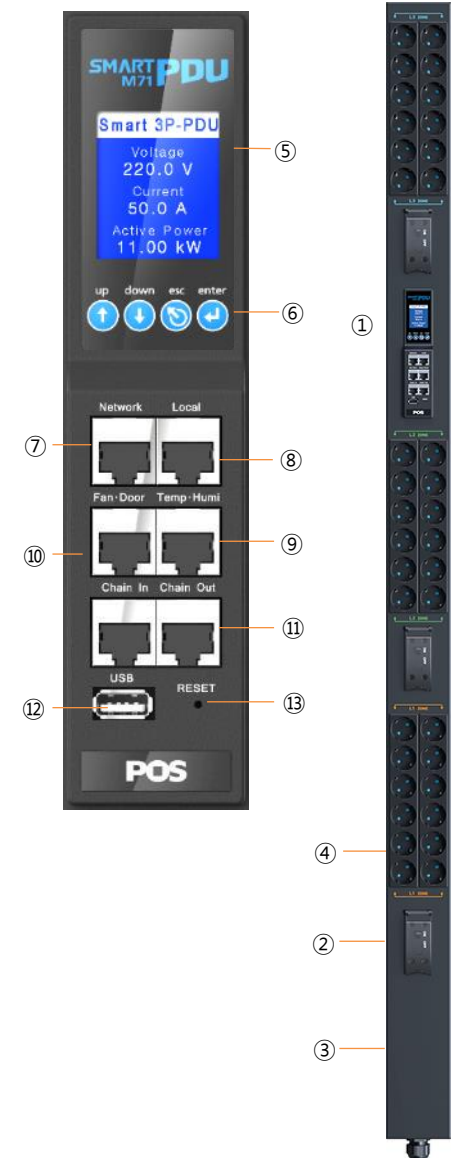
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Smart PDU consists of M71, a product with master functions, and S71, a product with slave functions, which are used in parallel by chain; and the product provides remote monitoring via protocols such as SNMP and TCP-IP Modbus over network(ethernet).

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	20A (20A x 3), 15A (15A 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 - 50A, 30A /3Phase	IEC 60502-1 VCT/ 6mm ² (4W) Cable Length/ 2M, 3M
	Input Receptacle AC220V - 50A /3Phase 30A /3Phase	IEC 60309 (3P+E) IP44/ IP67 UL, CE



(SD34536W4)

Specifications / Electrical

	Specifications
Acceptable input voltage	Input AC 220V-3Phase / Output AC 220V-Single Phase
Maximum input current	50A / 30A
Input frequency	50 / 60 Hz
Input connection	50A / 32A, 4-pin 3P+E, IEC-309
Input power	19.0 kVA / 11.4 kVA
Output Voltage	AC 200-240 V
Max. output current (outlet)	DIN 49440 / 15A
Max. output current (phase)	60A (30A x 3 Line) / 45A (20A x 3 Line)
Max. output current (bank)	20A / 15A
Output connections	SD36036W4 - DIN 36W SD34536W4 - DIN 36W
Overload protection	20A / 15A Circuit breaker x 3

Physical

	Specifications
Dimensions (H x W x D)	1725 x 100 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 40 °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 - 60/30A
3P+E

Note

- PDU has an error range of $\pm 3\%$ for voltage, current, and temperature measurements, and an error range of $\pm 5\%$ for humidity measurements.
- 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.
- The safe operating temperature range for the space where PDU is installed is -5°C to 40°C .
- 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.

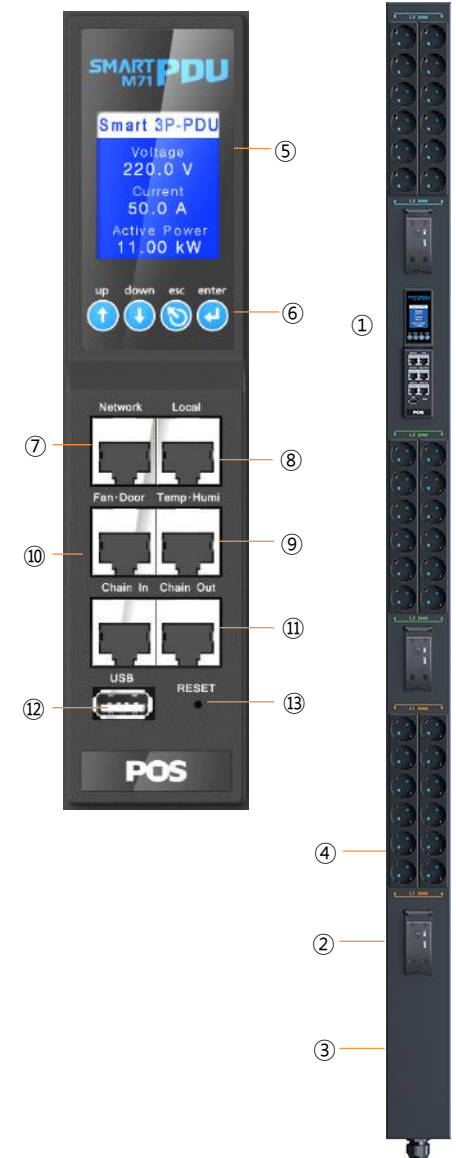
This is an innovative product that allows to monitor current, voltage, power, temperature, and Humidity(Optional) inside a rack from a front screen of PDUs and racks.

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	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 -30A /3Phase	IEC 60502-1 VCT/ 6mm ² (5W) Cable Length/ 2M, 3M
	Input Receptacle – AC380 -30A /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	30 A
Input frequency	50 / 60 Hz
Input connection	32 A, 5-pin 3P+N+E, IEC-309
Input power	21.0 kVA
Output Voltage	AC 200-240 V
Max. output current (outlet)	DIN 49440 / 15A
Max. output current (phase)	90 A (30 A x 3 Line)
Max. output current (bank)	30 A
Output connections	SD39036W5 – DIN 36W
Overload protection	30A Circuit breaker x 3

Physical

	Specifications
Dimensions (H x W x D)	1725 x 100 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 40 °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

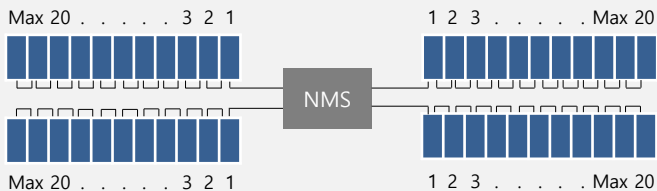
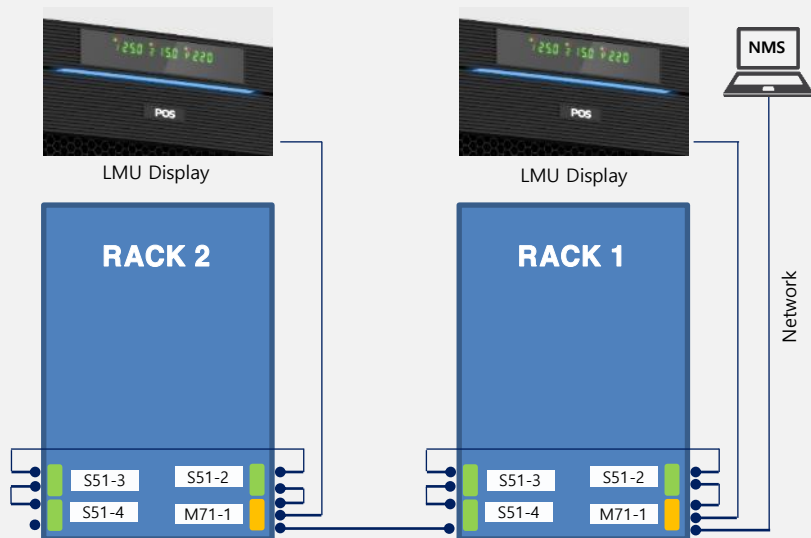


IEC 60309-P&C / AC220/380V - 30A
3P+N+E

Note

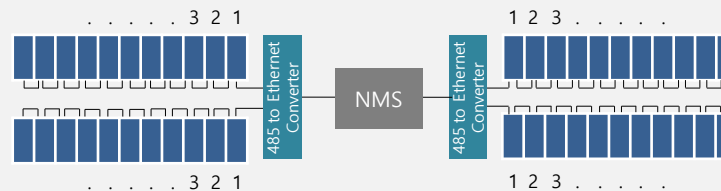
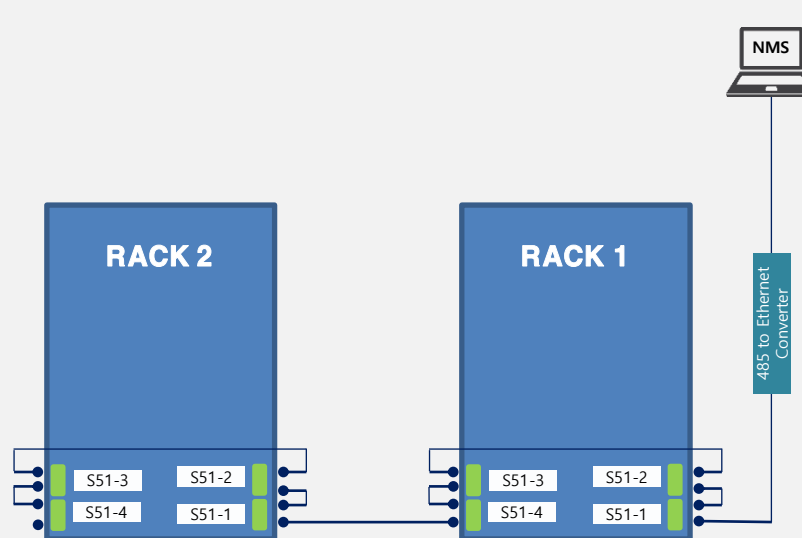
- PDU has an error range of $\pm 3\%$ for voltage, current, and temperature measurements, and an error range of $\pm 5\%$ for humidity measurements.
- The safety load of the PDU is 2/3 of the rated load, and when using redundancy, the safety load is 1/3 of the rated load.
- The safe operating temperature range for the space where PDU is installed is -5°C to 40°C .
- 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



www.pos-rack.com