

Product Datasheet

Product Name: Input Metered PDU

SKU:AKN113041U

MODEL:K12HTJ5-24A3606A1791EES01-2QT

Product Code:K12HTJ5-24A3606A1791EES01-2QT

Overview

The Apislogik Input Metered PDU can monitor input parameters in real-time, such as current, voltage, frequency, power factor, power load, energy measurement, temperature, and humidity. The voltage and current accuracy is ±1%. The power and energy accuracy is ±2%. The measured data can be transmitted via the network port.

Features

■ Input

Support for IEC60309, NEMA, UK, SCHUKO, HARTING, TEC etc.

Output

Support for C13, C19, C39, NEMA, UK, SCHUKO, IEC self-locking socket.

Hydraulic magnetic circuit breaker

Stable operation in environments with a temperature of 140°F/60°C. Provides respective protection for each branch of output. (Note: Not all models provide hydraulic magnetic circuit breakers)

■ Hot-swap LED indicator lights

Customers can replace hot-swap LED indicator lights without powering off the system. (Note: Not all models have hot-swap LED indicator lights)

Mounting method

Toolless mounting peg and bracket mounting, two types of mounting options are available for selection.

Hot-swap network management meter

Allows users to replace the NMM (Network Management Meter) without shutting down the PDU.

The NMM supports SNMP V1, V2, V3, HTTP, MODBUS, TELNET, WEB, encryption, password, and authorization options.



Ports and Cascading

Provides 2 RJ45 ports and 2 RJ11 ports.

The 2 RJ45 ports, one is a 10/100M port, supporting both Ethernet and RS485 with auto-negotiation. The other port is an RS485 cascading port, supporting 1 master and 19 slave devices to be connected in a cascade. Up to 20 PDUs can share a single IP address.

The 2 RJ11 ports consist of 1 temperature and humidity sensor port and 1 leak sensor or smoke sensor port.

LCD display

Allows local access, providing user interactive display of voltage, current or active power, alarms, configuration information, and more.

Alarms and logs

Provides real-time remote monitoring of the output power Load . Alarm thresholds can be configured, and both network and visual alarms are available. The logs include the most recent events along with their date and time of occurrence. Up to 100 events are stored and displayed in the logs.

Specifications

	Input Parameters
Input voltage	200-240 V AC
Max current(phase)	30A
Rate current (phase)	24A
Input frequency	50/60Hz
Power capacity	5KW
Input plug	NEMA L6-30P
Input wire	(118.11in) 3*10AWG
	Output Parameters
Output voltage	200-240 V AC
Max current(phase)	30A
Rate current(phase)	24A
Output frequency	50/60Hz
Outlets	(36) UL 320 C13
Outlets	(6) UL 320 C19
	Protective Device
Circuit breaker	2*20A/2P
	Physical Parameters
Rack mount	0U
Shell color	Black
Shell material	Aluminum Alloy
Power input method	Top feed
Mounting location	Dual-sided

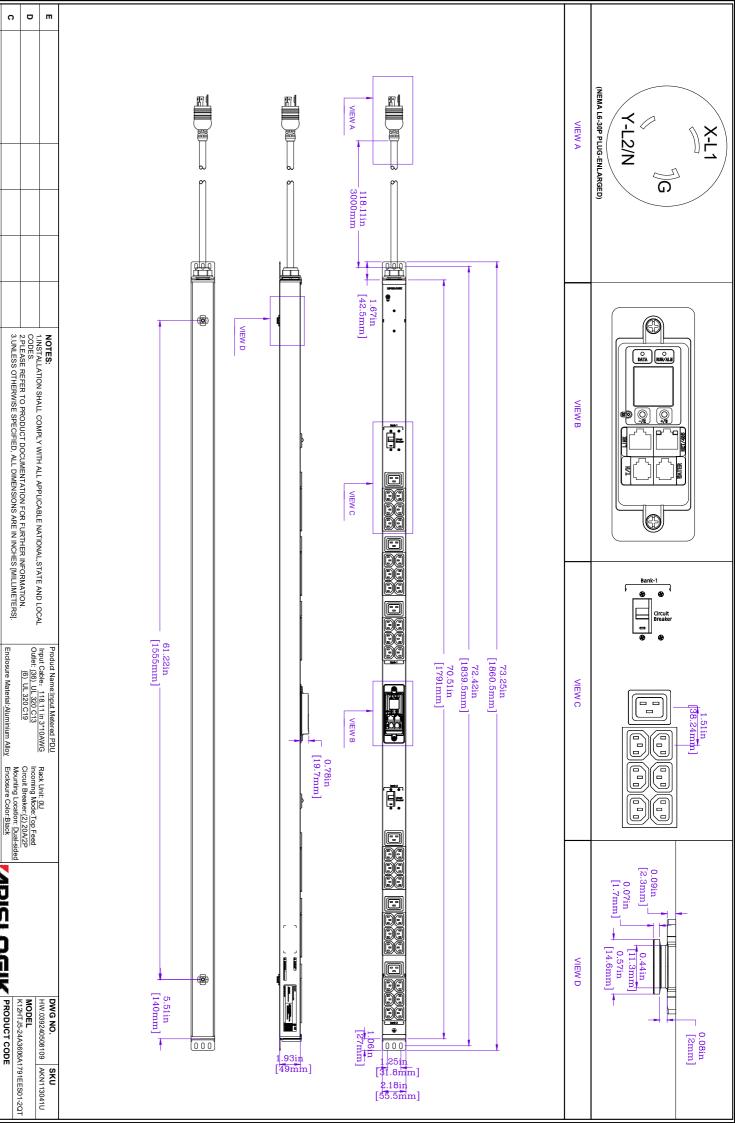


Mounting mode	Bracket / Peg
Di	70.51 in*2.19 in*1.93 in
Dimensions(H*W*D)	1791 mm*55.5 mm*49 mm
Netweight	17.20 lb
Net weight	7.8 kg
Shipping	82.68 in*3.43 in*4.53 in
dimensions(H*W*D)	2100 mm*87 mm*115 mm
Env	vironmental Parameters
Operating alexation	0-10000 ft
Operating elevation	0-3000 m
Operation Temperature	14°F~140 °F
Operation Temperature	-10°C~60°C
Humidity(operation/storage)	5-95%RH, non-condensing
Storage Temperature	-4°F~158 °F
Storage Temperature	-20°C∼70 °C
Starage elevation	0-50000 ft
Storage elevation	0-15000 m
	Compliance
Certification	FCC、UL、CUL、REACH、RoHS

^{*} Product Characteristics subject to change without prior notice.

^{*} Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

		Version	History		
Version	Description	Draft	Review	Approval	Date
V2.0	First version	NAN LI	LQ LI	YH CHEN	07/05/2024



REV.

DESCRIPTION First edition

DRAWN CHECKEN

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NAN LI

YH CHEN APP'D

8/5/2024 DATE

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INPUT:200-240 V AC;50/60Hz;24A OUTPUT:200-240 V AC;16A PER BANK;24A TOTAL C19:16A PER OUTLET

C13:12A PER OUTLET;16A PER GANG

Enclosure Material: Aluminium Alloy

PRODUCT CODE K12HTJ5-24A3808A1791EES01-2QT

SHEET 1 OF 2

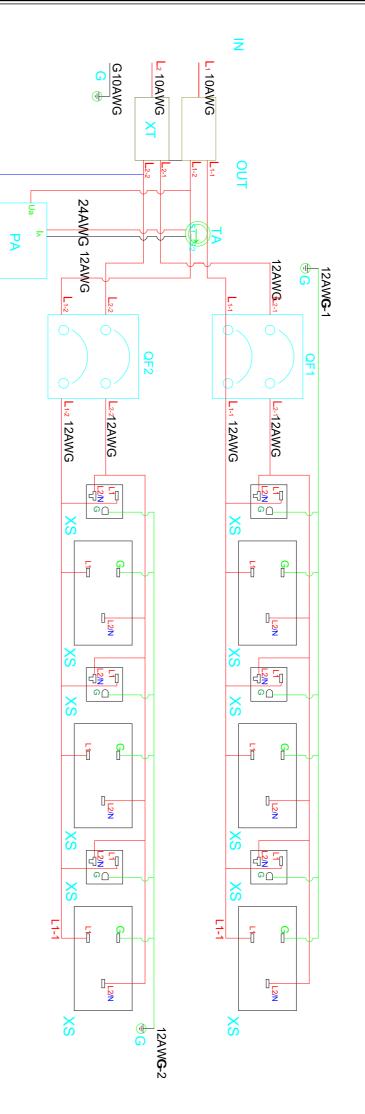
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DO NOT SCALE
DRAWING

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Current transformer Input /output	S1/S2	landing	ᇛ
Circuit breaker	СВ	jack	XX
Hot plug lightning protection	П	Intelligent meter	PA
Output	ОИТ	Current transformer	TA
Input	Z	Terminal blocks	X
n	Symbol Interpretation	Symbo	

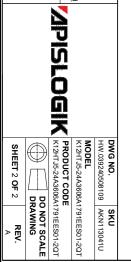


Note: The color of the connecting line is only for reference to the phase pole, and the actual color is subject to the actual material.

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DESCRIPTION	First edition					
DRAWN	LQ LI					
DRAWN CHECKEN APP'D	NAN LI YH CHEN 8/5/2024					
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	C19:16A PER OUTLET	INPUT:200-240 V AC;50/60Hz;24A OLTPUT:200-240 V AC;16A PER BANK:24A TOTAL	Mounting Location: <u>Dual-sided</u> Enclosure Material: <u>Aluminium Alloy</u> Enclosure Color: <u>Black</u>	Outlet: (36) UL 320 C13 Incoming Mode: Top Feed (6) UL 320 C19 Circuit Breaker: (2) 20A/2P	Product Name: <u>Input Metered PDU</u> Input Cable: 118.11 in 3*10AWG Rack Unit: 0U	

INPUT:200-240 V AC;50/80Hz;24A UTPUT:200-240 V AC;16A PER BANK;24A TOTAL C19:16A PER OUTLET C13:12A PER OUTLET;16A PER GANG	oduct Name:Input Metered PDU pput Cable: 118.11 in 3*10AWG utlet: (36) UL 320 C13 (6) UL 320 C19 nclosure Material:Aluminium Alloy
NK:24A TOTAL R GANG	Rack Unit: <u>0U</u> Incoming Mode: <u>Top Feed</u> Circuit Breaker.(<u>2</u>) <u>20A/2P</u> Mounting Location: <u>Dual-sided</u> Enclosure Color: <u>Black</u>



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