



SM10KAPMA | 3-PHASE MODULAR UPS POWER MODULE

Safeguard mission-critical applications with seamless, double-conversion power protection

CyberPower 3-Phase Modular UPS SM010KAPMA Power Modules are ultra-robust units capable of handling brief overcurrents of up to 150%. Indicator lights show status of each Power Module and the high-density design puts 10KVA of power in just 2U of space. Includes a One-Year Limited Warranty.



For CyberPower 3-Phase Modular UPS Smart App Online Series models SM020KAMFA, SM040KAMFA.

SPECIFICATIONS

GENERAL

Energy Saving	Online ECO Mode Efficiency >97.5%
UPS Topology	On-Line Double Conversion

BATTERY

Boost Charge Voltage	2.4 VDC/Cell, Constant Current and Constant Voltage Charge Mode
Float Charge Voltage	2.25 VDC/Cell

INPUT

Input Frequency Range	40 Hz - 70 Hz
Input Power Factor	0.99
Phase	3-Phase

OUTPUT

Output Frequency	50/60 Hz (auto-sensing/configurable)
Output Power Factor	1
Overload Protection	110% Load, 10 min 125% Load, 1 min 150% Load, 30s >150% Load, 200ms
VA	10,000 VA
Watts	10,000 W

MANAGEMENT AND COMMUNICATIONS

LED Status Indicators	Rectifier Battery Mode Bypass Mode Inverter Load Status
-----------------------	--

PHYSICAL

Color	Silver/Black
Form Factor	Modular
Material of Construction	Metal
Mounting Hardware	No
Rack Height	2U

POWER MODULE DIMENSIONS

Power Module - Rack Units	3U
---------------------------	----

SM10KAPMA

3-PHASE MODULAR UPS POWER MODULE

SPECIFICATIONS CONT.

PHYSICAL DIMENSIONS

Physical Dimensions - WxHxD (cm)	43.69 x 8.38 x 58.93 cm
Physical Dimensions - WxHxD (in.)	17.2 x 3.30 x 23.20 in.
Weight (kg)	16.42 kg
Weight (lb)	36.2 lbs.

SHIPPING DIMENSIONS

Shipping Dimensions - WxHxD (cm)	57.15 x 22.56 x 72.09 cm
Shipping Dimensions - WxHxD (in.)	22.5 x 8.88 x 28.38 in.
Weight (kg)	19.5 kg
Weight (lb)	43 lbs.

ENVIRONMENTAL

Audible noise at 1m from surface of unit	56 dBA
Maximum Air Exchange	4.5 m ³ /min
Online Thermal Dissipation	2,797.83 BTU/hr BTU/hr
Operating Elevation	0 - 10,000 ft (0 - 3,048 m)
Operating Elevation Note	At ≤1,000m above sea level, de-rate power by 1% per 100m between 1,000m and 3,048m
Operating Relative Humidity	0 - 95 % (non-condensing)
Operating Temperature	32 - 104°F (0 - 40°C)
Operating Temperature Note	Battery life is halved for every 50°F (10°C) increase above 68°F (20°C)
Storage Battery Temperature Note	Optimum battery storage between 5 - 68°F (-15 - 20°C)
Storage Relative Humidity	0 - 95% (non-condensing)
Storage Temperature	-4 - 158°F (-20 - 70°C)

CERTIFICATIONS

Environmental	RoHS Compliant
Safety	cTUVus UL1778, CSA C22.2, No. 107.3-14 CFR 47 FCC Part 15, Subpart B, Class A IEC62040-2

WARRANTY

Product Warranty	One-Year Limited Warranty
------------------	---------------------------