

Eaton 9E-IN UPS — Compact, Efficient and Robust Power Solution



EATON

Powering Business Worldwide



Eaton 9E-IN Technical Specifications

MODEL	9E6KS-IN-TFMR
INPUT CHARACTERISTICS	
Acceptable Input Voltage	110VAC-275VAC
Phase	Single phase with ground
Input voltage range to take 50% load	110VAC-275VAC
Input voltage range to take 100% load	160VAC-275VAC
Input Power Factor	>0.995
Input Frequency Range	45-55Hz / 54-66Hz (extendable to 40~70HZ when 1load < 60%)
Generator Set	1.5 x UPS Rating Power

OUTPUT CHARACTERISTICS	
Power(VA) max	6000
Power(W) max	6000
Power Factor	1
Waveform	Pure sine wave
Nominal Voltage	208V/220V/230V/240V
Voltage Variation	± 1%
Voltage Distortion	< 1% THD@ linear load
	< 5% @non-linear load
Output Frequency	45-55Hz / 54-66Hz (extendable to 40~70HZ when load< 60%)
Efficiency @ line mode with battery full charged	91% @ 230V output with typical load

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MODEL	9E6KS-IN-TFMR
OVERLOAD Capability @ line mode	100%<loads105%: Constant
	105%<loads125%: 10 minutes
	125%<loads150%: 30s
	>150% :500ms

BATTERY CHARACTERISTICS	
DC Voltage	192VDC (192V-240V adjustable)
Battery Low Voltage	10.5V/pc > 25% Load ; 11.4V/pc
Battery Shutdown Voltage	9.6V/pc > 25% Load ; 10.5V/pc
Charger Current	default 4A (0~12A adjustable)

INDICATOR & ALARM CHARACTERISTICS	
Display	Multi-language LCD+ status LED
Battery Mode	Beeps every four second
Battery Low	Sounding every second
Overload	Sounding twice every second
Fault	Continuous beeping

COMMUNICATION AND INTERFACE CHARACTERISTICS	
RS232	YES
USB	YES
EPO Function	YES
Comm Slot Box	YES
Comm Card	Optional (NMC/Moudbus/Dry Contact)
Dry Contact (Dry in/Dry out)	YES

MECHANICAL & ENVIRONMENTAL CHARACTERISTICS	
WxHxD(mm)	225*680*480
Net weight(Kg)	60
Wheels	No
Operating Temperature Range	0°C • 40°C (40°C - 50°C 50% load)
Relative Humidity	0 ~ 95% (No condensing)



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Eaton's mission is to improve the quality of life and the environment through the use of power management technologies and services. Eaton provides sustainable solutions that help its customers effectively manage electrical and mechanical power – more safely, more efficiently, and more reliably. Eaton's 2022 revenues were \$20.8 billion, and the company sells products to customers in more than 175 countries. Eaton has approximately 85,000 employees. Eaton firstly established a presence in the Asia Pacific region during the 1970s. Since then, the company's presence has grown significantly with a fast-growing network of sales and marketing offices, manufacturing plants, service centers and research facilities in the region.

Today, we have nearly 17,000 employees, 6 R&D centers and manufacture in 34 manufacturing facilities in countries and regions including China, India, Japan, South Korea, Singapore, Indonesia, Thailand, Philippines and Australia for all of Eaton's distinct business.

Eaton Power Quality Private Limited, India is a 100% subsidiary and a part of electrical sector of Eaton Corporation. We are catering to every industrial segment with versatile solutions which includes Switchgear: LV & MV Solutions, Fusegear: LV & MV solutions, UPSs and software solutions.

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