

Voltronic Power VOLTRONIC-OTIMA-II

Discover the Otima II UPS by Voltronic Power with voltage options from 110 to 240 VAC and precise regulation for reliable power protection.

Models Covered: VOLTRONIC-OTIMA-II

Manufacturer: Voltronic Power Technology Corp.

Application: The Otima II UPS by Voltronic Power is engineered to provide exceptional power protection with its versatile voltage options ranging from 110 to 240 VAC. Designed for both home and office environments, it ensures reliable performance with precise voltage regulation and auto-sensing frequency capabilities. Ideal for safeguarding sensitive electronics, the Otima II UPS is perfect for use in home offices, small businesses, and IT equipment, ensuring uninterrupted power supply and protection against voltage fluctuations.

Technical Specifications

Parameter	VOLTRONIC-OTIMA-II
Electrical / AC Output Data	
Transfer / Switchover Time	Typical 2-6 ms, 10ms max.
AC Frequency Range	50/60 Hz (Auto sensing)
AC Output Voltage	110/115/120/127 VAC or 208/220/230/240 VAC / 110/115/120/127 VAC or 208/220/230/240 VAC / 110/115/120/127 VAC or 208/220/230/240 VAC / 110/115/120/127 VAC or 208/220/230/240 VAC / 110/115/120/127 VAC or 208/220/230/240 VAC / 208/220/230/240 VAC / 208/220/230/240 VAC
Efficiency	95%
Input Voltage Range	81-290 VAC
Nominal AC Voltage	110-240 VAC
Output Waveform	Pure Sinewave
THD / THDi	2% max @ 100% linear load, 5% max @ 100% non-linear load (before low battery alarm)
AC Voltage Regulation (Battery Mode)	±1.5 % (Before battery alarm)
Current Crest Ratio	3:1
ECO Mode	97%
Overload Capability	Sounding every second
Battery Data	
Charge Current	1.5 A
Charging Voltage	27.4 VDC ± 1% / 54.8 VDC ± 1% / 82.1 VDC ± 1% / 82.1 VDC ± 1% / 82.1 VDC ± 1% / 82.1 VDC ± 1% / 82.1 VDC ± 1% / 82.1 VDC ± 1%
Typical Recharge Time	4 hours recover to 90% capacity
Protection Features	
Protection	Overload, discharge, and overcharge protection

Parameter	VOLTRONIC-OTIMA-II
Mechanical Data	
Dimensions (WxHxD)	438 x 88 x 410 mm
Net Weight	12.9 / 13.4 / 19.5 / 21.5 / 27.7 / 29.3 / 11.7 / 12.1 kg
Weight	12.9 / 13.4 / 19.5 / 21.5 / 27.7 / 29.3 / 11.7 / 12.1 kg
Operating Conditions	
Max Altitude	0-3000m, 10% de-rating for over 1000m
Noise Level	Less than 45dB
Relative Humidity	0-90 % RH @ 0- 40°C (Non-condensing)
Communication	
Display	AC Mode, Battery Mode, Load Level, Battery Level, Input Voltage, Output Voltage, Overload, Fault and Low Battery
Monitoring Software / OS Support	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8/10, Linux and MAC
SNMP / Network Management	Power management from SNMP manager and web browser

Note: Specifications are based on the official Voltronic Power VOLTRONIC-OTIMA-II datasheet. Values may be subject to change; always verify against the latest manufacturer documentation before system design and procurement.

Availability & grid compliance in UAE

Market	UAE
Grid authority / regulator	DEWA, ADDC, SEWA
Quotation currency	AED
Support hours timezone	Asia/Dubai
Delivery & installation coverage	Dubai, Abu Dhabi, Sharjah, Ajman, Ras Al Khaimah

Figures on this page are the manufacturer's own, measured at the test conditions the datasheet states — they do not change by country. What changes is the approval that has to be met before the unit is energised: in UAE that is DEWA, ADDC, SEWA. Confirm the grid code, import requirements and any local certification with them, or with us, before you order.

Key Features & Technical Highlights

- **Pure sine wave:** Pure sine wave
- **User-friendly and easy-shift LCD display:** User-friendly and easy-shift LCD display
- **High flexibility with Rack/Tower design:** High flexibility with Rack/Tower design
- **Output power factor 0.9:** Output power factor 0.9
- **Programmable power management outlets:** Programmable power management outlets
- **ECO (Efficiency Corrective Optimizer) operation:** ECO (Efficiency Corrective Optimizer) operation for energy saving
- **Boost and Buck AVR for:** Boost and Buck AVR for voltage stabilization
- **Hot-swappable battery design:** Hot-swappable battery design
- **Multiple communications available:** Multiple communications available
- **Optional HID Power Device USB:** Optional HID Power Device USB Port

Frequently Asked Questions

- ▶ What are the main performance specifications of the Otima II UPS?
- ▶ Is the Otima II UPS compatible with different battery types or solar panels?
- ▶ What are the physical specifications of the Otima II UPS?
- ▶ What are the installation requirements for the Otima II UPS?
- ▶ What warranty does Voltronic Power offer for the Otima II UPS?
- ▶ What certifications and standards does the Otima II UPS comply with?
- ▶ What are the operating conditions for the Otima II UPS?
- ▶ What are the key features and benefits of the Otima II UPS?

[Official Source & Documentation](#)

This technical datasheet is derived from official manufacturer documentation provided by **Voltronic Power Technology Corp.**. For the latest specifications, firmware updates, and official documentation, visit the manufacturer's website.

- **Manufacturer Website:** www.voltronicpower.com
- **Technical Support:** sales@voltronicpower.org | +971 4 255 0887
- **Sales Inquiries:** sales@voltronicpower.org | +971 4 255 0887

Disclaimer: All specifications and technical data presented on this page are based on the official Voltronic Power VOLTRONIC-OTIMA-II datasheet published by Voltronic Power Technology Corp. Specifications are subject to change without notice. Always verify against the latest manufacturer documentation at voltronicpower.com before system design, procurement, or installation. Compliance with local regulations, grid codes (DEWA, ADDC, SEWA) and utility requirements in UAE is the responsibility of the system designer/installer.

Last Updated: 2026-03-27 | **Document Version:** 2.0 | **Data Source:** Voltronic Power Official Datasheet | **Published by:** Voltronic Power Solutions (voltronicpower.org)