



ION 650-2200VA Line Interactive UPS User Manual

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Audible alarm indicator

Backup Mode	Alarm every 10 seconds
Battery low	Alarm every 1 second
Overload	Alarm every 0.5 seconds
Fault	Continuous sounding

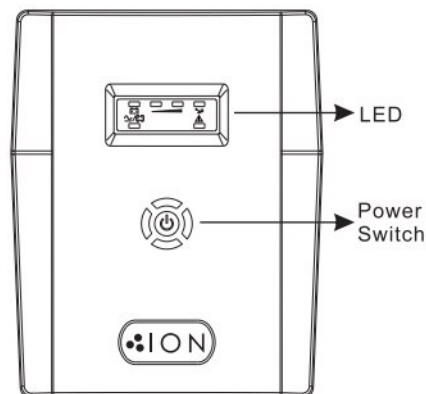
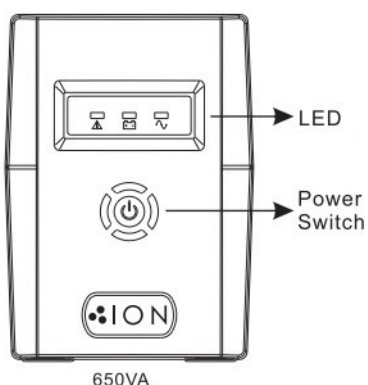
LED Indicator

AC Mode: Green LED lighting (650VA) / The left green LED lighting & the 1st to 4th green LEDs gradually lighting indicating load level (1600-2200VA)

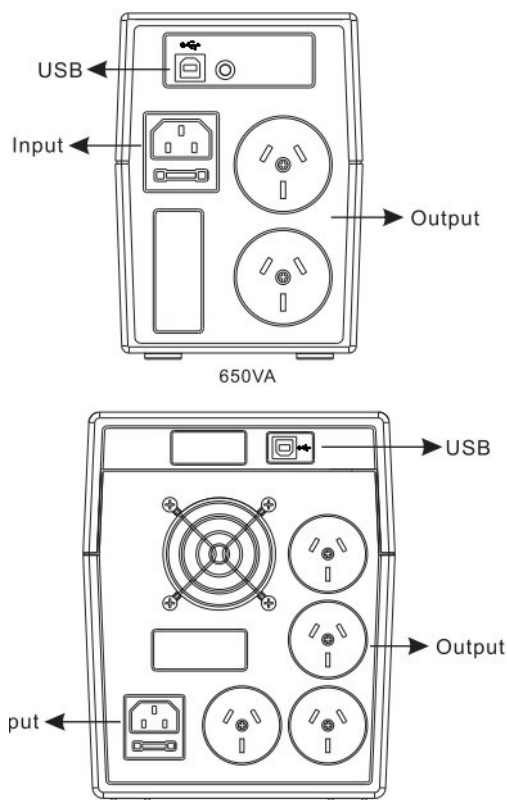
Battery Mode: Yellow LED Flashing (650VA) / The left green LED flashing & the 1st to 4th green LEDs gradually lighting indicating battery capacity (1600-2200VA)

Fault Mode: Red LED Lighting

Front Panel



Rear Panel



Specification

Ratings

Capacity 650VA 1600/2200VA

Input

AC input voltage (rating) 240Vac

Input frequency (rating) 50/60Hz

Output

AC output voltage(rating) 240Vac

AC output voltage tolerance $\pm 10\%$ (battery mode)

Output frequency (rating) 50/60Hz

Output frequency stability $\pm 1\text{Hz}$ (battery mode)

Output waveform Simulated sine wave (battery mode)

Transfer time Typical 2-6ms

Batteries

Nominal voltage (Vdc): 12 24

Number x capacity (Ah) of batteries 1 \times 7 2 \times 9

Type 12v (sealed lead acid, maintenance free)

Battery recharge time for 90%

capacity (hours, approximation) 6-8 hours

Autonomy: runtime in minutes 7 to 20mins(depending on load)

General

Dimensions of machine (h \times w \times d, mm) 142 \times 101 \times 298 198 \times 158 \times 380

Enclosure / protection P20

Environment

Safety EN62040-1
EMC EN62040-2
Ambient temperature 0-40C
Sound at 1 meter <45dB <55dB
Humidity 0-90%

Documents / Resources

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