# SUA750IX38 Smart UPS 750VA 230V USB with UL approval



| Surrey<br>2 5 0                     |                                                                                          | er applications                                                                                                   |
|-------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Overview                            |                                                                                          | ific us                                                                                                           |
| Lead time                           | Usually Ships within 4 Weeks                                                             | _ spec                                                                                                            |
|                                     |                                                                                          | icts for                                                                                                          |
| General                             |                                                                                          | produ                                                                                                             |
| Provided equipment                  | CD with software<br>Documentation CD<br>Smart UPS signalling RS-232 cable<br>User manual | and is not to be used for determining suitability or reliability of these products for specific user applications |
| Performance multiplier              | 0                                                                                        | or relia                                                                                                          |
| Number of tare power                | 15 W                                                                                     | oility o                                                                                                          |
| Number of power module free slots   | 0                                                                                        | suitab                                                                                                            |
| Number of power module filled slots | 0                                                                                        | ning                                                                                                              |
| Redundant                           | No                                                                                       | stermi                                                                                                            |
| Size UPS version                    | Workstation                                                                              | for de                                                                                                            |
| UPS size                            | WS                                                                                       |                                                                                                                   |
| Value multiplier                    | 0                                                                                        | o be t                                                                                                            |
| Variant option                      | Factory set voltage                                                                      | not to                                                                                                            |
|                                     |                                                                                          | si pue                                                                                                            |
| Physical                            |                                                                                          | e for a                                                                                                           |
| Colour                              | Black                                                                                    | stitute                                                                                                           |
| Depth                               | 35.8 cm                                                                                  | a sub                                                                                                             |
| Height                              | 15.7 cm                                                                                  | ed as                                                                                                             |
| Mounting preference                 | No preference                                                                            | tende                                                                                                             |
| Net weight                          | 13.18 kg                                                                                 | not in                                                                                                            |
| Mounting mode                       | Not rack-mountable                                                                       | on is                                                                                                             |
| Two post mountable                  | 0                                                                                        | entati                                                                                                            |
| USB compatible                      | No                                                                                       | )cume                                                                                                             |
| Width                               | 13.7 cm                                                                                  | his dc                                                                                                            |
| Feb 16, 2021                        |                                                                                          | Disclaimer: This documentation is not intended as a substitute for                                                |

Feb 16, 2021

# Input

| Network frequency    | 50/60 Hz +/- 3 Hz auto-sensing  |
|----------------------|---------------------------------|
| Plug standard        | IEC 320 C14                     |
| Input voltage limits | 151302 V adjustable<br>160285 V |
| Input voltage        | 230 V                           |

# Output

| Output                           |                                                                                                                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rated power in W                 | 500 W                                                                                                                                                                                                     |
| Maximum configurable power in W  | 500 W                                                                                                                                                                                                     |
| Harmonic distortion              | Less than 5 % at full load                                                                                                                                                                                |
| UPS type                         | Line interactive                                                                                                                                                                                          |
| Wave type                        | Sine wave                                                                                                                                                                                                 |
| Nb of power socket outlets       | 6 IEC 320 C13<br>2 IEC Jumpers                                                                                                                                                                            |
| Curve equation                   | Efficiency                                                                                                                                                                                                |
| Curve fixed loss                 | 0.0354                                                                                                                                                                                                    |
| Curve load maximum               | 100 %                                                                                                                                                                                                     |
| Curve load minimum               | 4 %                                                                                                                                                                                                       |
| Curve proportional loss          | 0                                                                                                                                                                                                         |
| Curve square loss                | 0.0029                                                                                                                                                                                                    |
| Curve X-axis maximum             | 100 %                                                                                                                                                                                                     |
| Curve test cond ID               | Curve fit to measured efficiency data. All measurements taken in normal operating mode, at typical environmental conditions, with nominal electrical input and balanced resistive load (PF = 1.0) output. |
| Curve X-axis minimum             | 0 %                                                                                                                                                                                                       |
| Curve X-axis title               | Load                                                                                                                                                                                                      |
| Curve X-axis units               | Percentage                                                                                                                                                                                                |
| Curve Y-axis maximum             | 100 %                                                                                                                                                                                                     |
| Curve Y-axis minimum             | 50 %                                                                                                                                                                                                      |
| Curve Y-axis title               | Efficiency                                                                                                                                                                                                |
| Curve Y-axis units               | Percentage                                                                                                                                                                                                |
| Graph display                    | 1                                                                                                                                                                                                         |
| Output voltage                   | 230 V                                                                                                                                                                                                     |
| Maximum configurable power in VA | 750 VA                                                                                                                                                                                                    |
| Rated power in VA                | 750 VA                                                                                                                                                                                                    |
| Transfer time                    | 4 ms typical : 8 ms maximum                                                                                                                                                                               |

#### Conformance

| Product certifications | CE      |
|------------------------|---------|
| Standards              | UL 1778 |

#### Environmental

| Ambient air temperature for operation | 040 °C         |
|---------------------------------------|----------------|
| Relative humidity                     | 095 %          |
| Operating altitude                    | 010000 ft      |
| Ambient air temperature for storage   | -1545 °C       |
| Storage Relative Humidity             | 095 %          |
| Storage altitude                      | 0.0015240.00 m |
| Acoustic level                        | 55 dBA         |
| Heat dissipation                      | 90 Btu/h       |
| Show note OP temperature              | No             |
|                                       |                |

#### Batteries & Runtime

| Battery type                           | Lead-acid battery                                   |
|----------------------------------------|-----------------------------------------------------|
| Number of battery filled slots         | 0                                                   |
| Number of battery free slots           | 0                                                   |
| Battery recharge time                  | 3 h                                                 |
| Number of battery replacement quantity | 1                                                   |
| Additional information                 | Configurable for 220 or 230V nominal output voltage |
| Liquid value                           | 0                                                   |
| Battery curve                          | В                                                   |
| Battery charger power                  | 50 W rated                                          |
| Battery power in VAH                   | 149 VAh runtime                                     |
| Battery life                           | 35 year(s)                                          |
| Extended runtime                       | 0                                                   |
|                                        |                                                     |

## Communications & Management

| Free slots    | 1                                                                                                                        |
|---------------|--------------------------------------------------------------------------------------------------------------------------|
| Control panel | LED status display with load and battery bar-graphs and on line : on battery : replace battery : and overload indicators |
| Alarm         | Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm                                   |

## Surge Protection and Filtering

| Surge energy rate          | 340 J                                                                                                            |
|----------------------------|------------------------------------------------------------------------------------------------------------------|
| Noise suppression          | Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449 |
| Let through voltage rating | 400 V                                                                                                            |

### Packing Units

| Package 1 Weight | 14.55 kg |  |
|------------------|----------|--|
| Package 1 Height | 27.9 cm  |  |
| Package 1 width  | 27.3 cm  |  |
| Package 1 Length | 49.5 cm  |  |

#### Offer Sustainability

| Sustainable offer status    | Green Premium product                                                                                                       |  |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------|--|
| REACh Regulation            | REACh Declaration                                                                                                           |  |
| EU RoHS Directive           | Compliant<br>EU RoHS Declaration                                                                                            |  |
| Mercury free                | Yes                                                                                                                         |  |
| RoHS exemption information  | Yes                                                                                                                         |  |
| Environmental Disclosure    | Product Environmental Profile                                                                                               |  |
| Circularity Profile         | End of Life Information                                                                                                     |  |
| WEEE                        | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |  |
| Optimized Energy Efficiency | Energy efficient product                                                                                                    |  |

## Contractual warranty

| Warranty | 2 years repair or replace |
|----------|---------------------------|
|          |                           |