



## Easy UPS 3S 20 kVA 400 V 3:1 UPS with internal batteries - 30 minutes runtime

E3SUPS20K3IB2

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- High-efficiency 3-phase UPS with internal batteries providing a runtime of 30 minutes. The UPS features advanced product features, competitive specifications, and robust electrical design, making business continuity easy in the data center or electrical room. This is an exceptionally easy to install, operate, maintain, and service 20 kVA UPS, ideal for small and medium businesses. Includes dust filter and conformance-coated boards for harsh environments. For battery runtime details, see the runtime charts published under the Documents tab.
- Includes: Dust filter, Installation guide

Output	
Output power capacity	20.0kWatts / 20.0kVA
Max Configurable Power (Watts)	20.0kWatts / 20.0kVA
Nominal Output Voltage	230V
Output Voltage Distortion	Less than 3%
Output Frequency (sync to mains)	50 Hz, 60 Hz
Other Output Voltages	220, 240
Load Crest Factor	3 : 1
Topology	Double Conversion Online
Overload Operation	150% for 1 minute 125% for 10 minutes
Output Voltage THD	<5.5% at 100% non-linear load
Output Voltage Tolerance	+/- 1.5%

Input	
Nominal Input Voltage	400V 3PH
Input frequency	45 - 65 Hz
Input voltage range for main operations	304 - 477V

**Disclaimer:** This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.

## Technical Specifications

Input	
Input Total Harmonic Distortion	Less than 5% for full load
Type of Input Protection Required	Circuit breaker and fuse
Other Input Voltages	380, 415
Maximum Input Current	37.0A
Input Power Factor at Full Load	0.99

Batteries & Runtime	
Battery type	VRLA
Included Battery Modules	3
Nominal Battery Voltage	240V
End of Discharge Maximum Battery Current	54.0A
Replacement battery cartridge note	UPS weight does not include battery weight.
End of Discharge Battery Voltage	+/-198 VDC
Efficiency	View Efficiency Graph (Available in Technical Tab on site)

Communications & Management	
Interface Port(s)	E3S_Parallel, E3S_TempSensor

Physical	
Maximum Height	1400MM, 140.0CM
Maximum Width	380MM, 38.0CM
Maximum Depth	907MM, 90.7CM
Net Weight	231.0KG
Shipping weight	242.0KG
Shipping Height	1640MM, 164.0CM
Shipping Width	563MM, 56.3CM
Shipping Depth	1014MM, 101.4CM
Color	White

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## Technical Specifications

Environmental	
Operating Temperature	0 - 40 °C
Operating Relative Humidity	0 - 95 (non-condensing) %
Operating Elevation	0-984.3meters
Storage Temperature	-15 - 40 °C
Storage Relative Humidity	0 - 95 (non-condensing) %
Storage Elevation	0-15000meters
Audible noise at 1 meter from surface of unit	60.0dBA
Online thermal dissipation	870.0BTU/hr
Protection Class	IP 20

Conformance	
Approvals	CE, EAC, IEC 62040-1-1, IEC 62040-2, IEC 62040-3, IEC 62040-4, ISTA 2B, RCM, WEEE
Standard warranty	1 year on-site repair or replace with factory authorized Start-Up

Sustainable Offer Status	
RoHS	Compliant
REACH	REACH: Contains No SVHCs

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