# **Product datasheet**

Specifications



## Easy UPS 3S 10 kVA 400 V 3:3 UPS for external batteries

E3SUPS10KH

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Overview Presentation	High-efficiency 3-phase UPS that 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 10 kVA UPS, ideal for small and medium businesses. Includes dust filter and conformance-coated boards for harsh environments. This UPS is supplied without batteries, so you can easily customize the battery solution.
Lead time	Usually Ships within 6 Weeks
Main	
Main Input Voltage	400 V 3 phases
Other Input Voltage	380 V 415 V
Main Output Voltage	400 V 3 phases
Other Output Voltage	380 V 415 V
Rated power in W	10 kW
Rated power in VA	10 kVA
Provided equipment	Dust filter Installation guide
Physical	
Colour	White (RAL 9003)
Height	53 cm
Width	25 cm
Depth	70 cm
Net weight	36 kg
USB compatible	Yes
Input	
Maximum input current	18 A
Input harmonic distortion	Less than 3 % for full load
Load power factor	0.9 leading to 0.9 lagging
Input Power Factor at Full Load	0.99
Input voltage limits	304477 V

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Network frequency

45...65 Hz



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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

### Output

Maximum configurable power in VA   10 kW     Maximum configurable power in W   10 kW     Output frequency   50 Hz sync to mains 60 Hz sync to mains     Harmonic distortion   Less than 3 %     Output harmonic distortion   4 % linear lead     Output overload operation   10 minutes at 125% and 60 seconds at 150%     UPS type   Double conversion online     Bypass type   Built-in maintenance bypass     Crest factor   3 : 1     Conformance   CE EAC RCM     Product certifications   CE EAC RCM     Environmental	<u></u>	
W   Output frequency   50 Hz sync to mains 60 Hz sync to mains 60 Hz sync to mains     Harmonic distortion   Less than 3 %     Output harmonic distortion   < 3% linear load     Output overload operation   10 minutes at 125% and 60 seconds at 150%     UPS type   Double conversion online     Bypass type   Built-in maintenance bypass     Crest factor   3 : 1     Conformance   Product certifications     CE EAC RCM   EAC RCM     Relative humidity   040 °C     Operating altitude   03281 ft     Ambient air temperature for storage Relative Humidity   -1540 °C     Storage Relative Humidity   095 % non-condensing     Storage Relative Humidity   095 % non-condensing     Storage Relative Humidity   095 % non-condensing     Storage altitude   0.0014999.82 m     Acoustic level   60 dBA     Heat dissipation   516 Bu/h		10 kVA
60 Hz sync to mains     Harmonic distortion   Less than 3 %     Output harmonic distortion   < 3% linear load     Output overload operation   10 minutes at 125% and 60 seconds at 150%     UPS type   Double conversion online     Bypass type   Built-in maintenance bypass     Crest factor   3 : 1     Conformance   CE     Product certifications   CE     Environmental   O40 °C     Ambient air temperature for operation   040 °C     Operating altitude   03281 ft     Ambient air temperature for storage  40 °C     Storage Relative Humidity   0		10 kW
Output harmonic distortion   < 3% linear load     Output overload operation   10 minutes at 125% and 60 seconds at 150%     UPS type   Double conversion online     Bypass type   Built-in maintenance bypass     Crest factor   3 : 1     Conformance   Product certifications     CE   EAC     RCM   Environmental     Ambient air temperature for operation   040 °C     Operating altitude   095 % non-condensing     Operating altitude   095 % non-condensing     Storage   0	Output frequency	
Output overload operation   10 minutes at 125% and 60 seconds at 150%     UPS type   Double conversion online     Bypass type   Built-in maintenance bypass     Crest factor   3 : 1     Conformance   Product certifications     CE   EAC     RCM   RCM     Environmental   040 °C     Relative humidity   095 % non-condensing     Operating altitude   03281 ft     Ambient air temperature for storage   -1540 °C     Storage Relative Humidity   095 % non-condensing     Acoustic level   60 dBA     Heat dissipation   516 Btu/h	Harmonic distortion	Less than 3 %
UPS type   Double conversion online     Bypass type   Built-in maintenance bypass     Crest factor   3 : 1     Conformance   Product certifications   CE EAC RCM     Environmental   Output   Output </th <th>Output harmonic distortion</th> <th>&lt; 3% linear load</th>	Output harmonic distortion	< 3% linear load
Bypass type Built-in maintenance bypass   Crest factor 3 : 1   Conformance   Product certifications CE EAC RCM   Environmental   Ambient air temperature for operation 040 °C   Relative humidity 095 % non-condensing   Operating altitude 03281 ft   Ambient air temperature for storage -1540 °C   Storage Relative Humidity 095 % non-condensing   Storage altitude 0.0014999.82 m   Acoustic level 60 dBA   Heat dissipation 516 Btu/h	Output overload operation	10 minutes at 125% and 60 seconds at 150%
Crest factor   3:1     Conformance     Product certifications   CE     Environmental     Ambient air temperature for operation   040 °C     Relative humidity   095 % non-condensing     Operating altitude   03281 ft     Ambient air temperature for storage   -1540 °C     Storage Relative Humidity   095 % non-condensing     Storage Relative Humidity   095 % non-condensing     Storage attitude   0.0014999.82 m     Acoustic level   60 dBA     Heat dissipation   516 Btu/h	UPS type	Double conversion online
Conformance     Product certifications   CE EAC RCM     Environmental  40 °C     Ambient air temperature for operation   040 °C     Relative humidity   095 % non-condensing     Operating altitude   03281 ft     Ambient air temperature for storage   -1540 °C     Storage Relative Humidity   095 % non-condensing     Storage Relative Humidity   095 % non-condensing     Storage Relative Humidity   095 % non-condensing     Storage altitude   0.0014999.82 m     Acoustic level   60 dBA     Heat dissipation   516 Btu/h	Bypass type	Built-in maintenance bypass
Product certifications   CE EAC RCM     Environmental	Crest factor	3 : 1
EAC RCM     Ambient air temperature for operation   040 °C     Relative humidity   095 % non-condensing     Operating altitude   03281 ft     Ambient air temperature for storage   -1540 °C     Storage Relative Humidity   095 % non-condensing     Storage altitude   0.0014999.82 m     Acoustic level   60 dBA     Heat dissipation   516 Btu/h	Conformance	
Ambient air temperature for operation040 °CRelative humidity095 % non-condensingOperating altitude03281 ftAmbient air temperature for storage-1540 °CStorage Relative Humidity095 % non-condensingStorage altitude0.0014999.82 mAcoustic level60 dBAHeat dissipation516 Btu/h	Product certifications	EAC
operation     Relative humidity   095 % non-condensing     Operating altitude   03281 ft     Ambient air temperature for storage   -1540 °C     Storage Relative Humidity   095 % non-condensing     Storage altitude   0.0014999.82 m     Acoustic level   60 dBA     Heat dissipation   516 Btu/h	Environmental	
Operating altitude03281 ftAmbient air temperature for storage-1540 °CStorage Relative Humidity095 % non-condensingStorage altitude0.0014999.82 mAcoustic level60 dBAHeat dissipation516 Btu/h		040 °C
Ambient air temperature for storage   -1540 °C     Storage Relative Humidity   095 % non-condensing     Storage altitude   0.0014999.82 m     Acoustic level   60 dBA     Heat dissipation   516 Btu/h	Relative humidity	095 % non-condensing
storage     Storage Relative Humidity   095 % non-condensing     Storage altitude   0.0014999.82 m     Acoustic level   60 dBA     Heat dissipation   516 Btu/h	Operating altitude	03281 ft
Storage altitude   0.0014999.82 m     Acoustic level   60 dBA     Heat dissipation   516 Btu/h		-1540 °C
Acoustic level 60 dBA   Heat dissipation 516 Btu/h	Storage Relative Humidity	095 % non-condensing
Heat dissipation 516 Btu/h	Storage altitude	0.0014999.82 m
	Acoustic level	60 dBA
IP degree of protection IP20	Heat dissipation	516 Btu/h
	IP degree of protection	IP20

#### **Batteries & Runtime**

Battery type	External battery system
Maximum short-circuit current	10 kA
Number of battery filled slots	0
Number of battery free slots	0

#### **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	77.2 cm
Package 1 Width	70 cm
Package 1 Length	40 cm
Package 1 Weight	50 kg

#### **Offer Sustainability**

Sustainable offer statusGreen Premium productREACh RegulationREACh DeclarationEU RoHS DirectivePro-active compliance (Product out of EU RoHS legal scope) EU RoHS DeclarationMercury freeYesChina RoHS RegulationChina RoHS declaration Product out of China RoHS scope. Substance declaration for your informationRoHS exemption informationYesEnvironmental DisclosureProduct Environmental ProfileCircularity ProfileEnd of Life InformationOptimized Energy EfficiencyEnergy efficient product	- · · · · · · · · · · · · · · · · · · ·	
EU RoHS Directive   Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration     Mercury free   Yes     China RoHS Regulation   China RoHS declaration Product out of China RoHS scope. Substance declaration for your information     RoHS exemption information   Yes     Environmental Disclosure   Product Environmental Profile     Circularity Profile   End of Life Information	Sustainable offer status	Green Premium product
Mercury free   Yes     China RoHS Regulation   China RoHS declaration Product out of China RoHS scope. Substance declaration for your information     RoHS exemption information   Yes     Environmental Disclosure   Product Environmental Profile     Circularity Profile   End of Life Information	REACh Regulation	REACh Declaration
China RoHS Regulation   China RoHS declaration Product out of China RoHS scope. Substance declaration for your information     RoHS exemption information   Yes     Environmental Disclosure   Product Environmental Profile     Circularity Profile   End of Life Information	EU RoHS Directive	
Product out of China RoHS scope. Substance declaration for your information     RoHS exemption information   Yes     Environmental Disclosure   Product Environmental Profile     Circularity Profile   End of Life Information	Mercury free	Yes
Environmental Disclosure Product Environmental Profile   Circularity Profile End of Life Information	China RoHS Regulation	
Circularity Profile End of Life Information	RoHS exemption information	Yes
	Environmental Disclosure	Product Environmental Profile
Optimized Energy Efficiency Energy efficient product	Circularity Profile	End of Life Information
	Optimized Energy Efficiency	Energy efficient product

#### **Contractual warranty**

Warranty

1 year on-site repair or replace with factory authorized Start-Up

Recommended replacement(s)

