Product data sheet
Characteristics

E3SUPS30KH
Easy UPS 3S 30 kVA 400 V 3:3 UPS for external batteries



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 30 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

General

Provided equipment	Dust filter Installation guide
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No
UPS size	WS

Physical

Colour	White
Depth	80 Cm
Height	77 Cm
Mounting preference	No preference
Net weight	60 Kg
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No
Width	25 Cm

Input

Network frequency	45...65 Hz
Input voltage limits	304...477 V
Inputvolt_other	380 V 415 V
Maximum input current	55 A
Input voltage	400 V 3 phases

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Load power factor	0.9 leading to 0.9 lagging
Cos phi	0.99

Output

Rated power in W	30000 W
Maximum configurable power in W	30000 W
Harmonic distortion	Less than 3 %
Output frequency	50 Hz sync to mains 60 Hz sync to mains
Outputvolt_other	380 V 415 V
Crest factor	3 : 1
UPS type	Double conversion online
Output overload operation	10 minutes at 125% and 60 seconds at 150%
Bypass type	Built-in maintenance bypass
Curve equation	Efficiency
Curve fixed loss	0.0057
Curve load maximum	100 %
Curve load minimum	1 %
Curve proportional loss	0.0209
Curve square loss	0.0256
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 400V 50Hz input and 400V 50Hz 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	400 V 3 phases
Maximum configurable power in VA	30000 VA
Rated power in VA	30000 VA

Conformance

Product certifications	CE EAC RCM WEEE
Standards	IEC 62040-1-1 IEC 62040-2 IEC 62040-3 IEC 62040-4 ISTA 2B

Environmental

Ambient air temperature for operation	0…40 °C
Relative humidity	0…95 % non-condensing
Operating altitude	0...3281 ft
Ambient air temperature for storage	-15…40 °C
Storage altitude	0.00…14999.82 M
Acoustic level	63 dBA
Heat dissipation	1410 Btu/H
Show note OP temperature	No
IP degree of protection	IP20

Batteries & Runtime

Battery type	External battery system
Number of battery filled slots	0
Number of battery free slots	0
Liquid value	0
Maximum short-circuit current	10 KA
Battery curve	B
Battery power in VAH	0 VAh runtime
Extended runtime	0

Packing Units

Package 1 Weight	77 Kg
Package 1 Height	101.5 Cm
Package 1 width	40 Cm
Package 1 Length	98.2 Cm

Offer Sustainability

REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
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	1 year on-site repair or replace with factory authorized Start-Up

Product Life Status : Commercialised