

# E3SUPS20KH

## Easy UPS 3S 20 kVA 400 V 3:3 UPS for external batteries



### Overview

Description	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 20 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.
Model Name	Easy UPS 3S 20 kVA 400 V 3:3 UPS for external batteries
Includes	Dust filter , Installation guide
Product Distribution	Albania , Algeria , Andorra , Angola , Anguilla , Argentina , Armenia , Aruba , Australia , Austria , Azerbaijan , Bahrain , Bangladesh , Belarus , Belgium , Bolivia , Bosnia And Herzegovina , Brazil , Brunei Darussalam , Bulgaria , Cambodia , Cameroon , Cayman Islands , Chile , China , Congo , CONGO, THE DEMOCRATIC REPUBLIC OF THE , Croatia , Cyprus , Czech Republic , Denmark , Dominica , East Timor , Egypt , Eritrea , Estonia , Fiji , Finland , France , Georgia , Germany , Ghana , Gibraltar , Greece , Grenada , Guadeloupe , Guyana , French Guiana , Hong Kong , Hungary , India , Indonesia , Iran (Islamic Republic Of) , Iraq , Ireland , Israel , Italy , Jamaica , Jordan , Kazakhstan , Kenya , KOREA, REPUBLIC OF , Kuwait , Latvia , Lebanon , Lithuania , Macedonia , Madagascar , Malaysia , Martinique , Mauritius , Mayotte , Mongolia , Morocco , Myanmar , Nepal , Netherlands , Netherlands Antilles , New Zealand , Nigeria , Norway , Oman , Pakistan , Papua New Guinea , Paraguay , Peru , Philippines , Poland , Portugal , Qatar , Reunion , Romania , Russian Federation , SAINT KITTS AND NEVIS , SAINT LUCIA , SAINT VINCENT AND THE GRENADINES , Saudi Arabia , Senegal , Singapore , Slovakia (Slovak Republic) , Slovenia , South Africa , Spain , Sri Lanka , Suriname , Sweden , Switzerland , Taiwan , Thailand , Tunisia , Turkey , Turkmenistan , Uganda , Ukraine , United Arab Emirates , Uruguay , Uzbekistan , Viet Nam , Yemen

### Output

Output Power Capacity	20.0 KW / 20.0 kVA
Max Configurable Power (Watts)	20.0 KW / 20.0 kVA
Nominal Output Voltage	400 3PH
Output Voltage Distortion	Less than 3%
Output Frequency (sync to mains)	50 Hz , 60 Hz
Other Output Voltages	380, 415V
Crest Factor	3 : 1
Crest Factor	Double Conversion Online
Output Voltage THD	< 3% linear load
Overload Operation	150% for 1 minute 125% for 10 minutes
Bypass	Built-in Maintenance Bypass

## Input

Nominal Input Voltage	400 3PH
Input Frequency	45 - 65 Hz
Input voltage range for main operations	304 - 477 V
Other Input Voltages	380 , 415
Maximum Input Current	37 A

## Batteries & Runtime

Battery Type	No internal battery - uses external battery system
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## Communications & Management

Interface Port(s)	E3S_Parallel , E3S_TempSensor
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## Physical

Maximum Height	770.0 mm
Maximum Width	250.0 mm
Maximum Depth	800.0 mm
Net Weight	58.0 kg
Shipping Weight	75.0 kg
Shipping Height	1015.0 mm
Shipping Width	400.0 mm
Shipping Depth	982.0 mm
Color	White

## Environmental

Operating Environment	0 - 40 °C
Operating Relative Humidity	0 - 95 (non-condensing) %
Operating Elevation	0-984.3 meters
Storage Temperature	-15 - 40 °C
Storage Relative Humidity	0 - 95 (non-condensing) %
Storage Elevation	0-14763.6 meters
Audible noise at 1 meter from surface of unit	60.000 dB
Online Thermal Dissipation	900.000 BTU/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