

E3SUPS20KHB1

High-efficiency 3-phase UPS with internal batteries providing a runtime of 15 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.



Overview

Description	High-efficiency 3-phase UPS with internal batteries providing a runtime of 15 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.
Model Name	Easy UPS 3S 20 kVA 400 V 3:3 UPS with internal batteries - 15 minutes runtime
Includes	Dust filter , Installation guide
Product Distribution	Albania , Algeria , Andorra , Angola , Anguilla , Argentina , Armenia , Aruba , Australia , Austria , Azerbaijan , Bahrain , Belarus , Belgium , Bolivia , Bosnia And Herzegovina , Brazil , Brunei Darussalam , Bulgaria , Cambodia , Cameroon , Cayman Islands , Chile , 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 , Hungary , 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 , 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 , Suriname , Sweden , Switzerland , Taiwan , Thailand , Tunisia , Turkey , Turkmenistan , Uganda , Ukraine , United Arab Emirates , Uruguay , Uzbekistan , Viet Nam , Yemen

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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
	Double Conversion Online
Output Voltage Tolerance	+/- 1.5%
Output Voltage THD	< 3% linear load

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
Input Total Harmonic Distortion	Less than 3% for full load

Batteries & Runtime

Battery Type	VRLA
Included Battery Modules	2
Battery Slots Empty	1
Replacement battery cartridge note	UPS weight does not include battery weight.
Nominal Battery Voltage	240V

Communications & Management

Interface Port(s)	E3S_Parallel , E3S_TempSensor
-------------------	-------------------------------

Physical

Maximum Height	1400.0 mm
Maximum Width	380.0 mm
Maximum Depth	928.0 mm
Net Weight	446.0 kg
Shipping Weight	494.0 kg
Shipping Height	1640.0 mm
Shipping Width	563.0 mm
Shipping Depth	1014.0 mm
Color	White

Environmental

Operating Environment	0 - 40 °C
Operating Relative Humidity	0 - 95 (non-condensing) %
Operating Elevation	0-999.9 meters
Storage Temperature	-15 - 40 °C
Storage Relative Humidity	0 - 95 (non-condensing) %
Storage Elevation	0-15000 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 , IS-TA 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