

Product datasheet

Specifications



APC Silcon 20kW 400V UPS

SL20KH

! Discontinued on: 31 December 2010

! End-of-service on: 28 January 2021

! Discontinued

Overview

Lead time Usually Ships within 4 Weeks

Main

Main Input Voltage 400 V 3 phases

Main Output Voltage 230 V
400 V 3 phases

Rated power in W 20000 W

Rated power in VA 20000 VA

Output connector type Hard wire 4-wire (3P + E) 1
Hard wire 5-wire (3P + N + E) 1
Hard wire 3-wire (3P) 1
Hard wire 4-wire (3P + N) 1
Hard wire 4-wire (3P + PEN) 1

Number of rack unit 0U

Number of cables 1

Battery type External battery system

Provided equipment Installation guide
Parallel card
Triple chassis for 3 SmartSlots
User manual
Web/SNMP management card

General

Number of power module 20000

Number of power module free slots 0

Number of power module filled slots 0

Redundant No

Physical

Colour Dark green (NCS 7020-B50G)
Light grey (NCS 2703-G84Y)

Height 140 cm

Width 60 cm

Depth	80 cm
Net weight	200.45 kg
Mounting location	Front
Mounting preference	No preference
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No

Input

Network frequency	50 Hz programmable +/- 0.5 / 1 / 2 / 4 / 6 / 8 % 60 Hz programmable +/- 0.5 / 1 / 2 / 4 / 6 / 8 %
Number of input connectors	1 hard wire 5-wire (3P + N + E) 1 hard wire 4-wire (3P + PEN) 1 hard wire 4-wire (3P + N)
Input voltage limits	323...437 V adjustable 380 V 340...460 V adjustable 400 V 357...477 V adjustable 415 V 323...437 V 380 V 340...460 V 400 V 353...477 V 415 V
Input Power Factor at Full Load	0.99

Output

Maximum configurable power in W	20000 W
Harmonic distortion	Less than 3 %
Output frequency	50 Hz sync to mains 60 Hz sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised
Crest factor	Unlimited
UPS type	Delta conversion on-line
Wave type	Sine wave
Bypass type	Built-in static bypass
Efficiency	96 % (full load)
Maximum configurable power in VA	20000 VA

Conformance

Product certifications	C-Tick CE TÜV
Standards	EN 50091-1 EN 50091-2 ISO 9001 ISO 14001

Environmental

Ambient air temperature for operation	0...40 °C
Relative humidity	0...95 %
Operating altitude	0...3333 ft
Ambient air temperature for storage	-50...40 °C
Storage Relative Humidity	0...95 %

Storage altitude	0.00...15240.00 m
Acoustic level	52 dBA
Heat dissipation	3207 Btu/h
IP degree of protection	IP30 IP31 optional

Batteries & Runtime

Number of battery filled slots	0
Number of battery free slots	0
Additional information	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage
Battery power in VAH	0 VAh runtime
Battery option	SLC10K80H0-PB 1 19968 VAh SLC10K80H1-PB 1 24576 VAh SLC10K80H2-PB 1 38400 VAh SLC10K80H3-PB 1 57600 VAh SLC10K80H5-PB 1 84480 VAh
Extended runtime	1

Communications & Management

Free slots	2
Preinstalled device	Network management card
Control panel	Multifunction LCD status and control console
Alarm	Beep for each 52 alarm conditions
Emergency power off	Yes

Contractual warranty

Warranty	1 year repair or replace, optional on-site warranties available, optional extended warranties available
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Recommended replacement(s)

SL20KH is replaced by:

1x



APC Smart-UPS VT 20kVA 400V, w/Start-Up 5X8, Internal Maintenance Bypass, & Parallel Capability
SUVTP20KHS