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APC Silcon 20kW 208V UPS

APC Silcon, 20000VA/20000W, Input 208V 3PH/Output 120V, 208V, 208V 3PH, Interface Port DB-25 RS-232, Contact Closure, Extended runtime model

Includes: Parallel Card, Triple Chassis for 3 SmartSlots, User Manual, Web/SNMP Management Card

Part Number : **SL20KF**

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Additional Information

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Technical Specifications

Output

Output power capacity	20000 VA
Output power capacity	20000 Watts
Max Configurable Power	20000 VA
Max Configurable Power	20000 Watts
Nominal output voltage	120V,208V,208V 3PH
Output Voltage Note	Configurable for 200 : 208 or 220V 3 Phase nominal output voltage
Efficiency at full load	94.50%
Output Voltage Distortion	Less than 3%
Output Frequency (sync to mains)	50 Hz - programmable +/- 0.5 / 1 / 2 / 4 / 6 / 8%, 60 Hz - programmable +/- 0.5 / 1 / 2 / 4 / 6 / 8%
Crest Factor	Unlimited
Waveform type	Sine wave
Output Connections	(1) Hard Wire 5-wire (3PH + N + G)

Input

Bypass	Built-in Static Bypass
Nominal input voltage	208V 3PH

Options:

- [Batteries](#)
- [Interface Connections](#)
- [Management Devices](#)
- [Services](#)
- [Software](#)

General Features:

- [200% overload capability](#)
- [Audible alarms](#)
- [Automatic internal bypass](#)
- [Automatic self-test](#)
- [Fully-rated power kVA equals kW](#)
- [Generator compatible](#)
- [Input power factor correction](#)
- [Intelligent battery management](#)
- [LCD display](#)
- [Locking cabinet](#)
- [Manageable external batteries](#)
- [Network manageable](#)
- [Parallel-capacity capable](#)
- [Parallel-redundant capable](#)
- [Safety-agency approved](#)
- [SmartSlot](#)
- [Temperature-compensated battery charging](#)

Input frequency	50 Hz - programmable +/- 0.5 / 1 / 2 / 4 / 6 / 8%, 60 Hz - programmable +/- 0.5 / 1 / 2 / 4 / 6 / 8%
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[more details...](#)

Topology: Delta Conversion On-Line

Input Connection Type	Hard Wire 5-wire (3PH + N + G)
Input voltage range for main operations	170 - 230 (200V), 177 - 239 (208V), 187 - 242 (220V)V

Batteries & Runtime

Battery type	No internal battery - uses external battery system
Replacement battery cartridge note	If longer runtimes are needed, please contact APC at 800-800-4272.
Runtime Chart	Silcon
Extended run options	APC Silcon 20kW 208V UPS

Communications & Management

Interface port	DB-25 RS-232, Contact Closure
Available Smart Slot Interface Quantity	2
Pre-Installed SmartSlot Cards	AP9617
Control panel	Multi-function LCD status and control console
Audible alarm	Beep for each 52 alarm conditions
Emergency Power Off (EPO)	Yes

Physical

Maximum height	55.12 inches (1400 mm)
Maximum width	39.37 inches (1000 mm)
Maximum depth	31.50 inches (800 mm)
Net weight	529.00 lbs. (240.45 kg)
Shipping Weight	579.00 lbs. (263.18 kg)
Shipping Height	66.93 inches (1700 mm)
Shipping Width	43.31 inches (1100 mm)
Shipping Depth	35.43 inches (900 mm)
Color	Dark green (NCS 7020 B50G), Light grey (NCS 2703-G84Y)
Units per Pallet	1.00

Environmental

Operating Environment	0 - 40 °C (32 - 104 °F)
Operating Relative Humidity	0 - 95%
Operating Elevation	0-3333 feet (0-999.9 meters)
Storage Temperature	-50 - 40 °C (-58 - 104 °F)
Storage Relative Humidity	0 - 95%
Storage Elevation	0-50000 feet (0-15000 meters)
Audible noise at 1 meter from surface of unit	55 dBA
Online thermal dissipation	4094 BTU/hr
Protection Class	NEMA 1 with NEMA 12 optional

Conformance

Approvals	FCC Part 15 Class A,ISO 9001,ISO 14001,UL 1778,UL Listed,cUL Listed
Standard warranty	1 year repair or replace,optional on-site warranties available,optional extended warranties available

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