



UPS w/ External Battery Option

S80200

This UPS prevents data loss, downtime and equipment damage due to power outages, voltage fluctuations and transient surges. Requires only two rack spaces (2U) in a standard rack enclosure. Large internal batteries offer 30 minutes half load runtime and 12.5 minutes at full load. Extended runtime available with optional external battery packs. Maintains regulated 120V nominal output without using battery power during brownouts and overvoltage's from 83 to 147V. 750VA/450 watt power handling capability supports a variety of networking, telecom and other sensitive electronic applications. Includes a total of 6 outlets arranged in 2 load banks that are individually controllable via software interface to reboot select equipment on demand or shed less significant loads to extend battery runtime for more critical equipment. Supports remote monitoring of UPS and site power conditions via built-in USB and DB9 monitoring ports. Includes PowerAlert UPS monitoring and unattended shutdown software with complete cabling. Emergency Power Off (EPO) interface offers option for instantaneous power-off of UPS and connected equipment in the case of fire or emergency. Multi-function audible alarms and set of 5 front panel LEDs offer at-a-glance notification of UPS and line power status. Network-grade AC surge suppression protects equipment from damage and performance problems resulting from transient surges and line noise. Attractive all-black color scheme.



External Battery Option

- Offers extended-run UPS operation
- Supports stacking or rack mount installation using only 2 rack spaces (2U)
- Includes heavy gauge cabling with high current DC connectors for simple installation



Technical Specifications

S80200**OUTPUT**

Output Volt Amp Capacity (VA)	750
Output Watt Capacity (watts)	450
Output power factor	0.6
Nominal Output Voltage(s) Supported	120V
Frequency compatibility	60 Hz
Output voltage regulation (line mode)	-21%, +8%
Output voltage regulation (Battery mode)	+/- 5%

INPUT

Rated input current (at maximum load)	6.8A
Nominal Input Voltage(s) Supported	120V AC
UPS input connection type	5-15P
Input circuit breaker	15A
UPS Input cord length (ft.)	10 ft / 3m
Recommended Electrical Service	15A 120V
Input cord length (ft.)	10
Input cord length (m)	3

BATTERY

Full load runtime (minutes)	12.5 min. (450w)
Half load runtime (minutes)	30 min. (225w)
Expandable battery runtime	Extended runtime supported via optional external battery packs
DC system voltage (VDC)	24
Battery recharge rate (included batteries)	Less than 4 hours from 10% to 90%

SURGE / NOISE SUPPRESSION

UPS AC suppression joule rating	480 joules
EMI / RFI AC noise suppression	Yes
AC suppression joule rating	480
AC suppression response time	Instantaneous

PHYSICAL

UPS / Power Module weight (lbs)	35
UPS / Power Module weight (kg)	15.9
UPS Shipping dimensions (height x width x depth / inches)	9.2 x 20 x 24
UPS Shipping dimensions (height x width x depth / cm)	23.5 x 50.8 x 61
Shipping weight (lbs)	46
Shipping weight (kg)	20.9
UPS housing material	Steel
Cooling method	Fan

ENVIRONMENTAL

Operating Temperature Range	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius
Storage Temperature Range	+5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius
Relative Humidity	0 to 95%, non-condensing
AC mode BTU / hr. (full load)	47.3
Battery mode BTU / hr. (full load)	170

COMMUNICATIONS

Communications interface	USB; DB9 Serial; EPO (emergency power off); Slot for SNMP/Web interface
Network monitoring port description	Supports detailed monitoring of UPS and site power conditions
PowerAlert software	Included
Communications cable	USB and DB9 cabling included
WatchDog compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications

LINE / BATTERY TRANSFER

Transfer time	2-4 milliseconds
Low voltage transfer to battery power (setpoint)	83
High voltage transfer to battery power (setpoint)	147