J2 Universal UPS
Uninterruptible Power Supply

J2

Key Features

> Smart Low Voltage DC UPS

> Long runtimes 1.5-5 hours, depending on POS system and configuration

> Lithium-ion Battery Technology

> Orderly system shut down on low battery

> Protects POS data from power interruptions

> Protects against low line voltage

> Eliminates the need for AC line conditioning

> Installs in base of J2 6XX series POS

> UPS status reported by smart interface

> Status LED for UPS status

> Smart UPS interactive software

> Compatible Windows XP, 7, 8, Server and Linux

> Compatible with most all J2 POS Systems

Benefits

> Computer data protected against power loss

> Full AC power line protection

> POS can still operate with power outage

> Very small foot print, mounts inside POS

> Very energy efficient

> Low cost of ownership

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Small - Power efficient - Very long run times

Retailers using touchscreen POS systems from J2 can now enjoy a breakthrough in UPS support that gives protection way beyond that currently available. Whilst an external AC UPS can provide run times of 5-30 minutes, the J2 Universal UPS can support run time from 1.5-5 hours of run time depending on the J2 systems used and configuration.

One big advantage of using the J2 UPS is that all peripheral power by the J2 POS will still be powered when running on the UPS. When using the J2 680/680L this includes the printer.

This enables retailers to continue trading as normal, including doing cash transactions and printing, with no corruption or loss of data. Before it runs out of power, the system will trigger a safe and timely shut-down. The UPS unit is competitively priced, making it an affordable and wise investment.

The J2 universal UPS will work with most all of J2 POS computer products. This includes the J2 225/480/615/625/630/680 and 680L. For the J2 6XX series the UPS mount in the base of the unit where the power supply is normal

mounted. When using the UPS option the power supply will be mounted external to the unit. For the J2 225 and the J2 480 the UPS will be mounted outside the unit.

Available in both 2600mAh and 5,200mAh versions depending on run time requirements.

All J2 products are RoHS and WEEE compliant

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Electronics

Microcontroller based

Smart charger controller

Dual Li-ion battery packs with safety circuits

Safety battery disable switch for shipment and storage

I/O Ports

+19VDC power input from POS power supply

+19-14VDC power output to POS system

Serial port connection to-from POS system

UPS Status LED

Average Run Times

J2 225	5 hours
J2 625	4 hours
J2 615	3 hours
J2 630	3 hours
J2 480	3 hours
J2 680L	2.5 hours
J2 680	2 hours

*Note: J2 225/615/625/630 can run using one battery pack, run times are 45% of dual pack

OS Support

Generic UPS driver supported for XP and Linux

J2 Smart UPS driver for Windows XP, POSReady 2009, POSReady 7, Windows 7, Windows 8
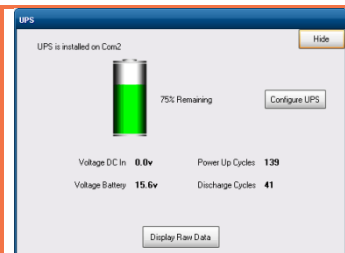
Environmental

Temperature	Operational	0°C ~ 40°C
	Storage	-20°C ~ 55°C
Safety	LVD external adapter ULc/us ,CE, TVU, others	

Options

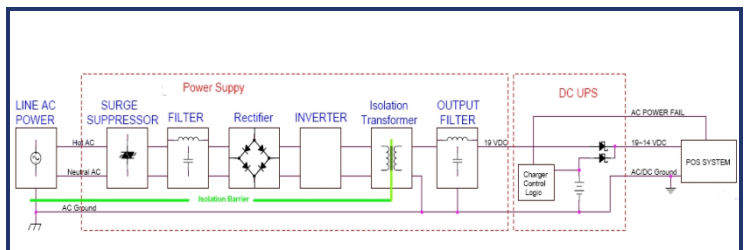Dual or Single Battery pack, 2,600mAh or 5,600mAh

Dimensions

Width   152mm
Depth   80mm
Height   46mm

Smart UPS Driver

Electronics

Block Diagram UPS – Power Supply AC Isolation Path

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