

# Lithium Ion Standby UPS, 350VA–600VA

This compact design is excellent for use in wall-mount networking and computer equipment cabinets when providing protection to network switches, industrial computers, automation systems, programmable logic controllers (PLCs), video walls, kiosks, and point-of-sale (POS) equipment.



LS350 Model Shown



**Compact Design**—This compact design will easily fit where a conventional UPS will not



**Long-Life Battery**—Lithium iron phosphate batteries provide protection for up to 8-10 years or 2000 discharges



**Highest Efficiency**—operates at up to 98% efficiency, saving utility costs and reducing heat output



**High Temperature Tolerance**—Lithium Ion battery technology allows continuous operation at up to 104°F (40°C) without reduction in battery life



**Auto restart**—after full battery discharge, automatically restarts when utility power returns

## ADDITIONAL FEATURES:

- Available models: 350VA/200W, 600VA/360W
- Surface mount to wall, ceiling, under counters or inside enclosures
- UL, CE, RoHS, TAA compliant
- 6 years electronics, 6 years battery warranty (USA and Canada)

## SPECIFICATIONS:

Description:	Standby UPS with lithium iron phosphate batteries
Use:	For indoor use in environmentally controlled areas or within environmental enclosures that maintain Operating Conditions (listed below)
Power Capacity:	<ul style="list-style-type: none"> <li>• Specific to UPS (see ordering table)</li> </ul>
Power Input:	<ul style="list-style-type: none"> <li>• Alternating current, 50/60 Hz autosensing</li> <li>• Voltage, 120 VAC nominal or 200-240 VAC (see ordering table)</li> </ul>
Power Output:	<ul style="list-style-type: none"> <li>• Voltage, 120 VAC nominal or 200-240 VAC (see ordering table)</li> <li>• Waveform: Sine wave (normal), simulated sine wave (battery mode)</li> <li>• Frequency: 50/60 Hz</li> <li>• Surge suppression: 300 joules</li> <li>• Transfer time: 2-6 ms (typical)</li> </ul>
Battery:	<ul style="list-style-type: none"> <li>• Cell type: Lithium Iron Phosphate (LiFePO<sub>4</sub>)</li> <li>• Cell configuration: Specific to UPS</li> <li>- LS350x: (8) LiFePO<sub>4</sub> 18650 cells, 2400 mAh</li> <li>- LS600x: (16) LiFePO<sub>4</sub> 18650 cells, 4400 mAh</li> </ul>

### Availability: U.S. & Canada

#### United States

Simi Valley, CA  
800-834-4969

#### Canada

Toronto, Ontario, Canada  
+905-850-7770

#### Europe

Buckinghamshire, UK  
+441628 524834

#### Middle East & Africa

Dubai, UAE  
+971-4-2602125

Doha, Qatar

+974-4-267422

#### Latin America

Mexico City  
+52-55-5203-7525  
Toll Free within Mexico  
+800-201-7592  
chatsworth.com.co

#### Asia Pacific

Shanghai  
+86 21 6880-0266  
chatsworth.com.cn



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PRODUCTS

SPECIFICATIONS:

Physical:	<ul style="list-style-type: none"><li>• Flange mount on a wall, ceiling or flat surface</li><li>• Dimensions: Specific to UPS<ul style="list-style-type: none"><li>- LS350x: 1.25"H x 6.9"W x 8.5"D (32 mm x 175 mm x 216 mm)</li><li>- LS600x: 1.6"H x 7.3"W x 10.8"D (40 mm x 185 mm x 275 mm)</li><li>- Surface-mount brackets add .6" (15 mm) to width on each side</li></ul></li><li>• Weight: Specific to UPS<ul style="list-style-type: none"><li>- LS350x: 3.4 lb (1.5 kg)</li><li>- LS600x: 4.7 lb (2.1 kg)</li></ul></li><li>• Line cord: Specific to UPS (see ordering table)</li><li>• Receptacles: Specific to UPS (see ordering table)</li></ul>
Operating Conditions:	<ul style="list-style-type: none"><li>• Temperature: 32-104°F (0-40°C)</li><li>• Humidity: 0-90%</li><li>• Elevation: 0-11,500' above sea level</li></ul>
Approvals:	<ul style="list-style-type: none"><li>• 120 Volt models: UL-1778, cTUVus, FCC, RoHS, TAA compliant</li><li>• 200-240 Volt models: CE, RoHS, TAA Compliant</li></ul>
Warranty:	6 years electronics, 6 years battery warranty (USA and Canada)
Communications Interface:	<ul style="list-style-type: none"><li>• Specific to UPS:<ul style="list-style-type: none"><li>- LS350x: USB interface with cable and software</li><li>- LS600x: RS-232 port</li></ul></li></ul>
Included in Box:	ViewPower software, user manual, line cord (120 VAC models)



LS350B Shown



LS600B Shown

ORDERING INFORMATION



Lithium Ion Standby UPS							
Part Number	Capacity VA	Capacity W	Input Plug*	Output Receptacles	Runtime 100% load	Runtime 50% load	External Battery Option
120 Volt							
LS350A	350	200	C14 Inlet to 5-15P	(3) 5-15R	6	14	No
LS600A	600	360	C14 Inlet to 5-15P	(3) 5-15R	6	14	No
200-240 Volt							
LS350B	350	200	C14 Inlet (no cord)	(2) C13	6	14	No
LS600B	600	360	C14 Inlet (no cord)	(2) C13	6	14	No

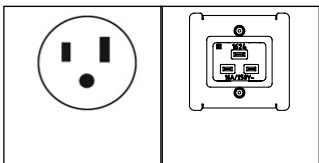
\*On 120 Volt models, included line cord is 3' (0.9 m) long. On 200-240 Volt models, order a line cord separately. C13 to required plug.

Battery Runtimes:

Estimated Runtimes On Internal Batteries (mins)										
System Load (W)	20	40	80	120	160	200	240	280	320	360
LS350x	72	35	17	11	9	7	N/A	N/A	N/A	N/A
LS600x	161	79	35	23	17	14	11	9	8	6

Note: Runtimes are shown in minutes and will vary based on battery condition, age, cycles and ambient temperature

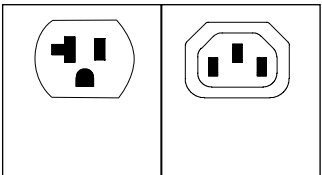
PLUG/INLET TABLE



NEMA 5-15P

IEC C20

POWER RECEPTACLE/OUTLET TABLE



NEMA 5-20R  
120 VAC/20A

IEC C13  
UL: 120/208VAC/15A  
CE: 208VAC/10A



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