

brookfield industries, inc.

UPS-500VA Specification

(To be used exclusively with NB500, NB500-LE, NB1000, NB2000 or NB2000-HD2

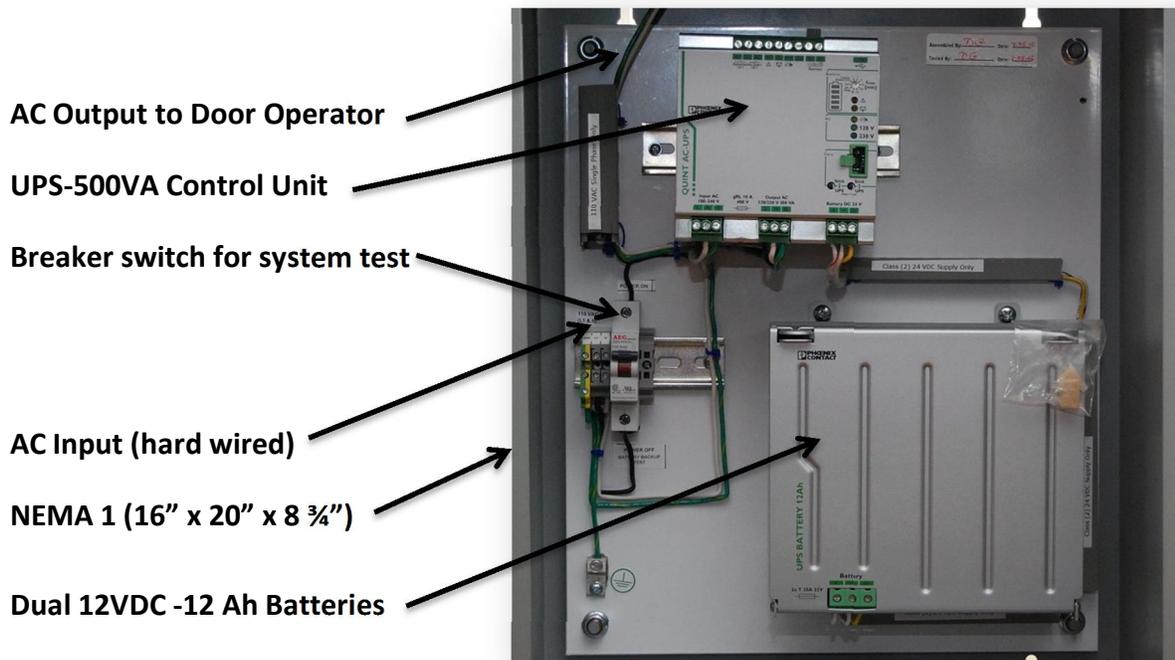
Swinging Door Operators)

Description:

Model **UPS-500VA** is an Uninterruptible Power Supply designed for use with our product line of swinging door operators. A high performance, hard-wired system for 120VAC/240VAC applications that will provide up to 500VA of battery-mode AC power for extended periods of time. Doors can be cycled continuously for up to 5 hours before re-charging is required. Buffering time will vary depending on actual load conditions.

This is accomplished when DC power from (2) 12Ah batteries is inverted into AC power during a main power interruption. This allows our swinging door operators to remain fully functional at all times, especially during activation of: safety features, fire/smoke alarm, security monitoring or any special customer I/O requirements.

Software that will monitor and configure the AC-UPS-IQ control unit can be downloaded directly from the manufacturer's website for free.



Specifications:

Input:	Supply voltage shall be specified when ordering 120VAC/(45-65)Hz 230VAC/(45-65)Hz
Output:	120VAC, 500VA, 5.2A 230VAC, 500VA, 2.7A
Max. Output Current:	50A (fused at batteries)
Enclosure:	NEMA 1 (16" x 20" x 8 ¾"). Cutouts for ½" diameter conduit.
Ventilation:	(2) 3" diameter vents.
Installation:	Exclusively with NB500, NB500-LE, NB1000, NB2000 or NB2000-HD2 Swinging Door Operators. Voltage of operator shall match supply voltage.
Environment:	Indoor use only. Ambient temperature Range: (32°F(0°C)-104°F(40°C)) Maximum relative humidity: 95% (non-condensing)
Mounting:	Use mounting hardware with sufficient strength to support the enclosure. Hardware shall be properly tightened and secured to existing structure.
System Test:	A breaker switch is provided that disconnects the AC main power supply when flipped to the off position, which automatically turns on the battery-mode AC power. This allows for a full system test to be performed with a connected door operator.