

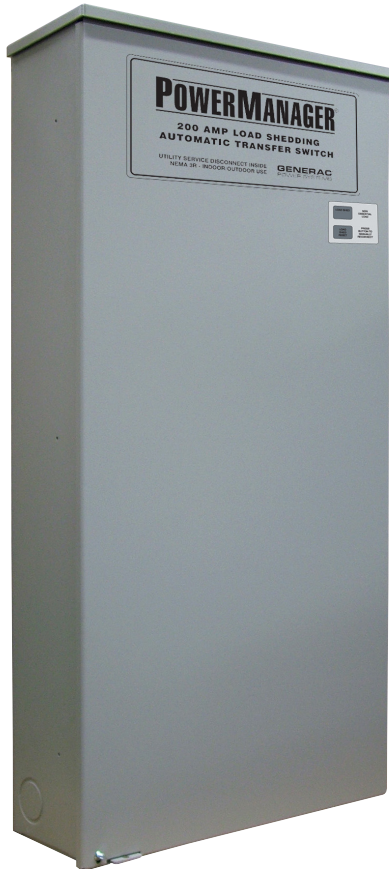


# PowerManager™ LTS

## Load Shedding Automatic Transfer Switch

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200 Amp Service Entrance Rated, NEMA 3R  
Model KGALT0101200



200 Amp LTS NEMA 3R

### DESCRIPTION

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The PowerManager™ LTS is designed to allow the most efficient use of the generator by monitoring and managing the backed up selected and non-selected circuits. If the generator approaches overload condition, the non-selected circuits are cycled off, allowing the selected circuits to remain powered. This switch is designed to operate with the digital controls that are used on air-cooled and liquid-cooled generators from 8 kW through 45 kW.

### STANDARD FEATURES

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The LTS is housed in an aluminum NEMA 3R enclosure. It is service entrance rated at 200 amps and also has a built in 16 circuit priority load center. The main contactor protects the selected priority circuits while the secondary contactor protects the remaining, non-selected circuits located in the existing electrical panel. The cover is side hinged for easy access.

### CONTACTOR RATING

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The transfer switch contactor is rated at 250 VAC and is available in single phase configuration only.

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# CAC/BDP

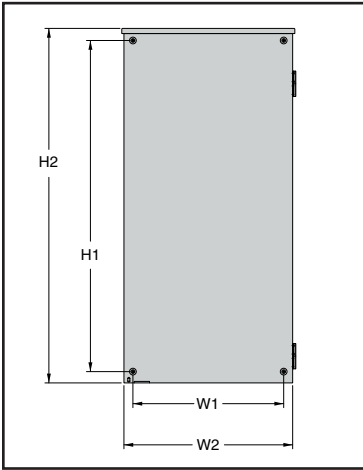
# FUNCTIONS

## PowerManager™ LTS Load Shedding Automatic Transfer Switch

Utility coil voltage drop-out .....	<60%
Standby coil voltage sensor .....	90%
Utility coil voltage pickup .....	>80%
Load shed activation .....	58 Hz for >3 seconds or below 50 Hz for <1/2 second
Automatic load return .....	Adjustable

The transfer switch can be operated manually without power applied.

# SPECIFICATIONS



TRANSFER SWITCH & PRIORITY LOAD CENTER	
No. of Poles	2
Current Rating (amps)	200
Voltage Rating (VAC)	250
Utility Voltage Monitor (fixed)	
-Pick-up	75%
-Dropout	65%
Return to Utility	approx. 15 sec.
Exerciser weekly for 12 minutes	Standard
UL Listed	Standard
Dimensions (H" x W" x D")	42 x 20 x 7.25
Total of Pre-wired Circuits in Priority Load Center	16
No. 15A 120V	5
No. 20A 120V	5
No. 20A 240V	1
No. 40A 240V	1
No. 50A 240V	1
Circuit Breaker Protected	
Available RMS Symmetrical	
Fault Current @ 250 Volts	10,000

Mechanical Dimensions (in inches)						
Current Rating	No. of Poles	Height		Width		Depth
		H1	H2	W1	W2	
200 UL Listed	2	39.3	42.3	17.9	20.1	7.9

Terminal Wire Ranges			
ATS Rated Amps	CB Terminal	Neutral Lug Assy	Ground Assy
200A 2-Pole UL	2 x 300 MCM - #1	4 x 350 MCM - #6	5 x #4 - #14
Mounting Holes	4 x .25 Diameter		

# TYPICAL CONNECTION

