



Notes:

- 1). All relays shown in their normal condition: 1RY1de-en, 1RY2 de-en, 1RY3 en, and 115 Source Sw energized.
- 2). 1R4 adj for charger turn on trip point of 12.5 volts (battery 75% of charge).
- 3). 1R3 adj for battery disconnect trip point of 11.5 volts (battery 0% of charge).
- 4). 1A5R2 adj for 13.7v charge voltage.
- 5). 1A9R4 adj for 60Hz output frequency.
- 6). Expected Inverter AC Load 382 watts: Front Room light, Front Room TV, Front Room fan, Basement Video Distribution Board, Basement light.
- 7). Under full Inverter load (382 watts) battery current draw is 30-40 Amps.

DRAWING TITLE		System Functional Block Diagram	
LOCATION		116 S. Prairie Ave. Waukegan, IL. 60085	
PROJECT NO.	001	DRAWN BY:	24 Mar 98
SCALE:	None	DOC NAME:	System Functional Block.drw
Power Backup System	DOC LOCATION:		G:\John\Power Backup
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