

DATE	BY	DESCRIPTION	DATE	BY

Wilson Engineered Systems Part Number: 105620
 Voltage: 120/208/3/60

Breakers: Cutler-Hammer ED, 3 pole, 125 amp, 65 KAIC
 Maximum UPS Rating: 36 kVA (based upon 80% NEC Rating)
 Breakers are behind key lock door (not shown).
 Enclosure: Surface Mount, 12 Gauge

Connections:

A - From power source feeding system
 Lands on bus bar with lugs provided with panel
 Lugs: (1) #6 to 250 kcm Neutral
 (1) #14 to #2 Ground

B - Feeds to associated UPS System, if dual fed UPS 'B' feeds to UPS bypass input, if single fed UPS, feeds to UPS input.
 Phases land on breaker's lugs
 Lugs: (1) #4 to 4/0 per phase
 (1) #6 to 250 kcm Neutral
 (1) #14 to #2 Ground

C - Feed from associated UPS System output.
 Phases land on breaker's lugs
 Lugs: (1) #4 to 4/0 per phase
 (1) #6 to 250 kcm Neutral
 (1) #14 to #2 Ground

D - Feeds to critical load being supported by associated UPS System
 Lands on bus bar with lugs provided with panel
 Lugs: (1) #6 to 250 kcm per phase
 (1) #6 to 250 kcm Neutral
 (1) #14 to #2 Ground

Note: Field wiring phasing must be clockwise rotation and consistent, A phase must be A phase at all connections, B phase must be B phase at all connections and C phase must be C phase at all connections as the panel operation includes overlapping breaker circuits. Associated UPS must be in bypass mode (without transformation) for make before break operation.

