

LOAD CALCULATIONS FOR "PANEL HP1"

BASED ON THE 2023 NEC

NEC 220.61(A)

	L1	L2	L3	NEUTRAL
CALCULATED LOAD (NEC 215.5)	0 VA	0 VA	0 VA	0 VA
CALCULATED LOAD WITH DEMAND FACTORS (NEC 215.5)				
GENERAL LOAD	0 VA	0 VA	0 VA	0 VA
RECEPTACLE LOAD (NEC TABLE 220.44)				
1ST 10,000W	0 VA	0 VA	0 VA	0 VA
CONTINUOUS LOAD (NEC 215.2)	0 VA	0 VA	0 VA	0 VA
PLUS 25%	0 VA	0 VA	0 VA	
0% (NEUTRAL) NEC 215.2(A) EX NO 2				0 VA
MOTOR LOAD (NEC 430.24)	0 VA	0 VA	0 VA	0 VA
PLUS 25% OF LARGEST MOTOR	0 VA	0 VA	0 VA	0 VA
KITCHEN LOADS (NEC 220.56)				
L1 (0 X 1) =	0 VA			0 VA
L2 (0 X 1) =		0 VA		
L3 (0 X 1) =			0 VA	
TOTAL BALANCED LOAD (3-PHASE)	0 VA	0 VA	0 VA	
TOTAL BALANCED LOAD (1-PHASE)	0 VA	0 VA	0 VA	
TOTAL UNBALANCED LOAD (1-PHASE)	0 VA	0 VA	0 VA	
NEUTRAL LOAD				0 VA
LINE AMPS BALANCED (3-PHASE)	0.0 A	0.0 A	0.0 A	
LINE AMPS BALANCED (1-PHASE)	0.0 A	0.0 A	0.0 A	
LINE AMPS UNBALANCED (1-PHASE)	0.0 A	0.0 A	0.0 A	
TOTALS	0.0 A	0.0 A	0.0 A	0.0 A
ADJUSTMENT FACTOR	0.0 A	0.0 A	0.0 A	0.0 A
TOTAL DESIGN LOAD	0.0 A	0.0 A	0.0 A	0.0 A

HARMONIC CURRENT CALCULATION (NEC 310.15 (B) 4 (C) & NEC TABLE 310.15 B (2) A)

(Harmonic Load 0 VA ÷ Connected Load 0 VA) X 100 = 0 %

Harmonic Load Does Not Exceed 50%

KEY

A - Amps

VA - Volt Amps