

# UPS and Power Conditioner Sizing Worksheet

## Notes/Recommendations

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## Single Phase

### 120 Vac Single Phase

Two wire plus ground (3 wire) — 1 hot, neutral plus ground.

Voltage (120 Vac)	x	Amps	=	Total
	x		=	

### 208 (240)Vac Single Phase

Two wire plus ground (3 wire) — 2 hot plus ground.

Voltage (208 Vac)	x	Amps	=	Total
	x		=	

### 120/208 (120/240) Vac Single Phase

All loads are 120Vac\*. No 208Vac components.

Three wire plus ground (4 wire) — 2 hot, neutral plus ground.

Phase Voltage (120 Vac)	x	Amps	=	Subtotal
A	x		=	
B	x		=	

Total of all phases:

## Three Phase

### 120/208 (277/480) Vac Three Phase

All loads are 120 Vac\*. No 208 Vac components.

Four wire plus ground (5 wire) — 3 hot, neutral plus ground.

Phase	Voltage (120 Vac)	x	Amps	=	Subtotal
A		x		=	
B		x		=	
C		x		=	

Total of all phases:

### 208 Vac (480 Vac) Three Phase

All loads are 208 Vac (480 Vac). No 120 Vac (277 Vac) components.

Three wire plus ground (4 wire) — 3 hot plus ground.

Voltage (208/480 Vac)	x	Average Amps	x 1.73	=	Total
	x			=	

\*Note: If 120 Vac and 208 Vac loads cannot be separated assume all loads are 120 Vac.



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