address 0-30 to enable IEEE488 communications.

1.5 Power Requirements

A suitable source of ac power is required for this supply. The unit is wired for 208 V, 3φ, 50 to 60 Hz mains. For 240 V operation, two internal wiring changes must be made to the unit. Information concerning conversion is covered in Section 2.14.

PQ Series power supplies are optionally available for operation on 440/480 V, 3φ, 50 to 60 Hz mains. Units are normally wired for 480 V operation and information concerning conversion is covered in Section 2.14.

1.6 Specifications

The following specifications describe the published operational characteristics of the PQ series power supplies.

Input voltage: 208/240 Vac, 50-60 Hz, 3φ standard; 440/480 Vac, 50-60 Hz, 3φ optional.

Regulation line and load combined: 0.10 %.

Stability: 0.10 % for 8 hours after 30 minute warm up.

Transient response: 40.0 ms to recover within 2 % of regulated output with a 30 % step load change.

Programming resistors: 1 KΩ full scale for output voltage, output current, over voltage shutdown, and over current shutdown.

Ambient Temperature: 0 to 50°C.

Storage Temperature: -25 to +85°C.

Temperature coefficient: 0.04 %/°C of maximum output current.

Size: 5¼"H x 19"W x 24"D, see figure 1.1 for details.

Weight: 125 lbs for 10 kW models, 97 lbs for 6.6 kW models, and 74 lbs for 3.3 kW models.

Table 1.4 10 KW MODELS AND RATINGS

MODEL	VOLTS Vdc	AMPS Adc	RIPPLE mVrms	EFF. %	INPUT CURRENT (Aac)	
					208/240 V MODELS	440/480 V MODELS
PQ16-600	16	600	40	86	36	18
PQ20-500	20	500	35	86	36	18
PQ32-300	32	300	30	86	36	18
PQ40-250	40	250	35	87	36	18
PQ50-200	50	200	40	87	36	18
PQ80-125	80	125	50	87	36	18
PQ100-100	100	100	55	87	35	17
PQ125-80	125	80	60	87	35	17
PQ160-62	160	62	70	87	35	17
PQ200-50	200	50	80	87	35	17
PQ250-40	250	40	90	88	35	17
PQ375-27	375	27	100	88	35	17
PQ500-20	500	20	130	88	35	17
PQ600-16	600	16	150	88	35	17

Notes:
1) Rating specified at 208 and 440 V input.
2) Specifications subject to change without notice.

Table 1.5 6.6 KW MODELS AND RATINGS

MODEL	VOLTS Vdc	AMPS Adc	RIPPLE mVrms	EFF. %	INPUT CURRENT (Aac)	
					208/240 V MODELS	440/480 V MODELS
PQ10-600	10	600	40	86	24	12
PQ16-400	16	400	40	86	24	12
PQ20-330	20	330	35	86	24	12
PQ32-200	32	200	30	86	24	12
PQ40-165	40	165	35	87	24	12
PQ50-130	50	130	40	87	24	12
PQ80-82	80	82	50	87	24	12
PQ100-66	100	66	55	87	23	12
PQ125-53	125	53	60	87	23	12
PQ160-41	160	41	70	87	23	12
PQ200-33	200	33	80	87	23	12
PQ250-26	250	26	90	88	23	12
PQ375-17	375	17	100	88	23	12
PQ500-13	500	13	130	88	23	12
PQ600-10	600	10	150	88	23	12

Notes:
1) Rating specified at 208 and 440 V input.
2) Specifications subject to change without notice.

Table 1.6 3.3 KW MODELS AND RATINGS

MODEL	VOLTS Vdc	AMPS Adc	RIPPLE mVrms	EFF. %	INPUT CURRENT (Aac)	
					208/240 V MODELS	440/480 V MODELS
PQ10-300	10	300	40	86	12	6
PQ16-200	16	200	40	86	12	6
PQ20-165	20	165	35	86	12	6
PQ32-100	32	100	30	86	12	6
PQ40-82	40	82	35	87	12	6
PQ50-65	50	65	40	87	12	6
PQ80-41	80	41	50	87	12	6
PQ100-33	100	33	55	87	12	6
PQ125-26	125	26	60	87	12	6
PQ160-20	160	20	70	87	12	6
PQ200-16	200	16	80	87	12	6
PQ250-13	250	13	90	88	12	6
PQ375-8	375	8	100	88	12	6
PQ500-6	500	6	130	88	12	6
PQ600-5	600	5	150	88	12	6

Notes:
1) Rating specified at 208 and 440 V input.
2) Specifications subject to change without notice.