

BASICPOWER™

Model Specifications	BPU™	BPU™	BPU™	BPU™	BPU™	BPU™	BPU™	BPU™	BPU™	BPU™
	C-380-1	C-380-2.V1	C-380-2.V2	C-380-3	C-380-4	I-480-0	I-480-1	I-480-2	I-480-3	
Line Voltage	380/440	380/440	380/440	380/440	380/440		480/600	480/600	480/600	480/600
Phases	3	3	3	3	3		3	3	3	3
Running/Max. Amperes	50-100/300	100-200/475	150-250/600	250-500/1,500	600-800/2,400		25-100/250	50-200/500	400-600/1,000	600-1,000/2,000
kW Used per Month Range	4,200	7,200	25,000	53,000	80,000		15,000	30,000	163,000	350,000
Approx. Current Draw at Panel, Min. Amperes/leg	9	10	17	24	47		24	33	41	52
Frequency (HZ)	50-60	50-60	50-60	50-60	50-60		50-60	50-60	50-60	50-60
Power Dissipation, Joules per 8x20 usec	>8,850	>8,850	>8,850	>8,850	>8,850		>8,850	>9,220	9,220	>16,502
Joules	140,238	160,000	160,000	280,476	757,404		140,238	518,400	757,404	1,514,556
Peak Pulse Current, Amperes	>80,000	>80,000	>80,000	>80,000	>80,000		>80,000	>80,000	>80,000	>120,000
Max Surge Current, Amperes per 8x20 usec	120,000	120,000	120,000	120,000	120,000		120,000	120,000	120,000	240,000
Total Capacitance, Microfarads	270	450	1,035	1,620	2,004		384	556	1,440	1,920
Operating Temperature, °C	-25 to +85	-25 to +85	-25 to +85	-25 to +85	-25 to +85		-25 to +85	-25 to +85	-25 to +85	-25 to +85
Wiring, AWG (Drop 1 AWG if > 12' of wire to breaker panel)	6mm ²	6mm ²	6mm ²	10mm ²	16mm ²		10	6	6	2
Ground Wiring Unit to Panel	10 (5.26mm ²)	10 (5.26mm ²)	10 (5.26mm ²)	6 (13.3mm ²)	6 (13.3mm ²)		10	6	6	6
Circuit Breaker Needed by Customer	35A 3 Pole	35A 3 Pole	35A 3 Pole	45A 3 Pole	63A 3 Pole		30A 3 Pole	60A 3 Pole	60A 3 Pole	100A 3 Pole
Collar Torque - Breaker (in-lb or N-M)	N/A	N/A	N/A	N/A	N/A		N/A	45 or 5.1	80 or 9.0	80 or 9.0
Dimensions, inches	16x14x10	16x14x10	30x24x12	30x24x12	36x30x12		20x16x10	30x24x12	30x24x12	36x36x12
Approx. Weight, Pounds (unit/shipping)	45/85	65/105	100/210	145/225	190/300		55/95	125/220	160/270	350/460
MET Lab certified to comply with UL 508A; CE	Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes

2/1/2016