

TECHNICAL SPECIFICATIONS - POWER WAVE® 455M (K2202-1, K2202-3)

INPUT AT RATED OUTPUT - THREE PHASE ONLY					
INPUT VOLTS-FREQUENCY	OUTPUT CONDITIONS AMPS / VOLTS / DUTY CYCLE	INPUT CURRENT AMPS	IDLE POWER	POWER FACTOR @ RATED OUTPUT	EFFICIENCY @ RATED OUTPUT
208/230/460/575V - 60HZ.	450A@38V.100% 570A@43V. 60%	58/53/25/22 82/78/37/31	400 Watts Max.	.95 MIN.	88%
200/220/440/575V - 50HZ.	400A@36V.100% 500A@40V. 60%	49/45/23/18 67/61/31/25			
OUTPUT					
OPEN CIRCUIT VOLTAGE	CURRENT RANGE AMPS	PULSE FREQUENCY	PULSE VOLTAGE RANGE	PULSE AND BACKGROUND TIME RANGE	AUXILIARY POWER (CIRCUIT BREAKER PROTECTED)
75 VDC	5 - 570A	0.15 - 1000 Hz	5 - 55 VDC	100 MICRO SEC. - 3.3 SEC.	40 VDC AT 10 AMPS 115VAC AT 15* AMPS
PROCESS CURRENT RANGE (DC)			CURRENT		
MIG/MAG FCAW SMAW GTAW Pulse			50-570 Average Amps 40-570 Average Amps 30-570 Average Amps 15-500 Average Amps 5-750 Peak Amps		
RECOMMENDED INPUT WIRE AND FUSE SIZES FOR MAXIMUM RATED OUTPUT					
INPUT VOLTAGE / FREQUENCY	TYPE 75°C COPPER WIRE IN CONDUIT AWG[IEC] SIZES (MM2)	TYPE 75°C GROUND WIRE IN CONDUIT AWG[IEC] SIZES (MM2)	TYPE 75°C (SUPER LAG) OR BREAKER SIZE (AMPS)		
208/50/60HZ	4(25)	6(16)	110		
230/50/60HZ	4(25)	6(16)	100		
460/50/60HZ	8(10)	10(6)	50		
575/50/60HZ	10(6)	10(6)	40		
PHYSICAL DIMENSIONS					
HEIGHT	WIDTH	DEPTH	WEIGHT		
26.10 in 663 mm	19.86 in 505 mm	32.88 in 835 mm	286 lbs. 130 kg.		
TEMPERATURE RANGES					
OPERATING TEMPERATURE RANGE -20°C to +40°C		-40°C to +40°C			