

Specifications for the Kaco Blueplanet 208/240VAC Grid Tie Inverters

Specifications	Blueplanet 1502xi	Blueplanet 2502xi	Blueplanet 3502xi	Blueplanet 5002x1
DC operating range (MPP)	125 — 400 VDC	200 — 450 VDC	200 — 510 VDC	200 — 510 VDC
Max. DC input voltage	550 VDC	550 VDC	600* VDC	600* VDC
Nominal DC input current	14.3 ADC	13.5 ADC	18.5 ADC	26.5 ADC
Max. DC input Isc current	21.45 ADC	21.45 ADC	28 ADC	40 ADC
Output data (AC)				
Max. continuous output power (CEC)	1500 W	2500 W	3500 W	5000 W
Max. over-current protection	15 A	20 A	25 A	30 A
Max. continuous current: 208 V	8 AAC	12 AAC	16 AAC	24 AAC
Max. continuous current: 240 V	8 AAC	12.5 AAC	17 AAC	24 AAC
AC operating range: 240 V	211 — 264 V			
AC operating range: 208 V	184 — 226 V			
AC operating range: 220 V	198 — 242 V (for Mexico)			
Frequency	60 Hz (59.3 — 60.5 Hz)			
CEC rated efficiency: 240 V	95.50%	95.50%	95.50%	95.50%
CEC rated efficiency: 208 V	95%	95%	95.50%	95%
Additional data				
AC/DC disconnect ratings AC:	300 V — 36 A / DC: 600 V — 40 A			
Cooling True convection -	ultimate reliability (5002xi - fan assisted)			
DC reverse polarity protection	Yes			
Ground fault protection	Integrated ground fault detector/interrupter (GFDI)			
Grounding	Field selectable positive or negative ground option			
Visual displays	Backlit LCD w/ convenient night switch & push button controls			
Included accessory interfaces	easyLINK RS485 & S0 port			
Ambient operating temp	-4°F — +140°F (-20°C — + 60°C) -13°F — +140°F (-25°C — + 60°C)			
Thermal protection	Yes			
Noise emissions	< 35 dB (silent operation) / 5002xi < 45 dB (near silent operation)			
Night power consumption	0.3 W			
Warranty	Standard easySWAP 10 years			
Mechanical Specifications				
Dimensions (H x W xD)	30 x 14 x 8.25 in (761 x 356 x 208 mm)	32 x 14 x 8.25 in (813 x 356 x 208 mm)	35.88 x 14 x 9.25 in (914 x 356 x 241 mm)	35.88 x 14 x 9.25 in (914 x 356 x 241 mm)
Weight	42 lbs (19 kg)	52 lbs (24 kg)	69 lbs (31 kg)	70 lbs (32 kg)
Certifications				
Safety compliance	UL 1741, IEEE 1547, NEC, CSA 22.2 No.107.1-01			
Communications compliance	FCC Part 15 Class B			

* - Unit will only feed power if the PV voltage is less than 550Vdc.

Note: Specifications and pricing of the Kaco Blueplanet 2502xi 2500W 208/240VAC Grid Tie Inverter subject to change without notice. Illustrations and descriptions of the Kaco Blueplanet 2502xi 2500W 208/240VAC Grid Tie Inverter do not claim to be complete.