



700 W and 800 W Models

BKZ Series Sinewave Inverters

technical specifications

Inverter Model	47-BKZ-12	48-BKZ-24	48-BKZ-48	48-BKZ-110	48-BKZ-125
Nominal DC Voltage	12 V	24 V	48 V	110 V	125 V
Continuous Rating	700 W	800 W	800 W	800 W	800 W
1/2 Hour Rating	950 W	1050 W	1050 W	1050 W	1050 W
Surge Rating (5 seconds)	2800 W	3200 W	3200 W	3200 W	3200 W
Input Voltage Range	10.5 – 17 V	21 – 34 V	42 – 68 V	80 – 140 V	96 – 160 V
Instantaneous Shutdown	9 V	18 V	36 V	68 V	85 V
Standby Current	40 mA	30 mA	30 mA	25 mA	25 mA
Inverter On - No Load	0.56 A	0.36 A	0.28 A	0.15 A	0.15 A
Peak Efficiency	90 %	92 %	92 %	94 %	94 %
Weight	10 Kg	10 Kg	10 Kg	10 Kg	10 Kg
Dimensions	310 mm Wide, 287 mm Depth, 145 mm High				
Output Voltage	240 Vac +/- 4%				
Output Frequency	50 Hz +/- 0.1%				
Output Waveshape	True Sinewave				
Total Harmonic Distortion	< 4 %				
Power Factor	All conditions				
Autostart Sensitivity	0 – 20 W User adjustable				
Operating Temperatures	-10° C to +50° C				
DC to AC Isolation	3,500 V				
Protection Circuitry	Overtemperature, Overload/Short Circuit, Battery Undervoltage, Battery Overvoltage				
Battery Leads	1.5m long with mounting lugs				
DC Isolation	Thermal / Magnetic Circuit Breaker				
Output Wiring	Dual Switched GPO and 3 wire Junction Box on rear				
Chassis	Powder Coated 3 mm Aluminium				
Installation Options	19" Rack Mountable				
Warranty	3 Years Parts and Labour				
Standards	AS2279, AS3000, AS3001, EN55014, EN50082-1, IEC1000.4-2, IEC1000.4-4, IEC1000.4-5, IEC1000.4-6, CE, & C-Tick.				
Ratings	Specifications @ 25°C Ambient, Nominal Battery Voltage & Unity Power Factor				

Due to constant improvements, specifications are subject to change without prior notice.