



1300 W and 1600 W Models

BKZ Series Sinewave Inverters

technical specifications

Inverter Model	412-BKZ-12	415-BKZ-24	415-BKZ-48	415-BKZ-110	415-BKZ-125
Nominal DC Voltage	12 V	24 V	48 V	110 V	125 V
Continuous Rating	1300 W	1600 W	1600 W	1600 W	1600 W
1/2 Hour Rating	1600 W	2100 W	2100 W	2100 W	2100 W
Surge Rating (5 seconds)	4000 W	5000 W	5000 W	5000 W	5000 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	50 mA	30 mA	25 mA	18 mA	18 mA
Inverter On - No Load	0.85 A	0.45 A	0.28 A	0.19 A	0.15 A
Peak Efficiency	91 %	94 %	92 %	94 %	94 %
Weight	13 Kg	14 Kg	14 Kg	14 Kg	14 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.