



*1800W, 2500W, 3000W,
and 3500 W Models*

BKZ Series Sinewave Inverters

technical specifications

Inverter Model	518-BKZ-12	525-BKZ-24	530-BKZ-24	530-BKZ-110	530-BKZ-125	535-BKZ-48
Nominal DC Voltage	12 V	24 V	24 V	110 V	125 V	48 V
Continuous Rating	1800 W	2500W	3000 W	3000 W	3000 W	3500 W
1/2 Hour Rating	2000 W	3100 W	3700 W	3700 W	3700 W	4100 W
Surge Rating (5 secs)	5500 W	7500 W	9000 W	9000 W	9000 W	10500 W
Input Voltage Range	10.5 – 17 V	21 – 34 V	21 – 34 V	80 – 140 V	96 – 160 V	42 – 68 V
Instantaneous Shutdown	9 V	18 V	18 V	68 V	85 V	36 V
Standby Current	60 mA	35 mA	40 mA	35 mA	35 mA	35mA
Inverter On - No Load	1.1 A	0.54 A	0.59 A	0.35 A	0.35 A	0.38 A
Peak Efficiency	90 %	94 %	93%	95%	95 %	95 %
Weight	22 Kg	23 Kg	24 Kg	24 Kg	24 Kg	24 Kg
Dimensions	400 mm Wide, 380 mm Depth, 180 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.