

Inverters (True Sinewave)

200 to 2000 Watts

AJ Series Features:



- Professional quality
- True sinewave output
- Advanced high-frequency technology
- Extensive output protection
- Very high efficiency
- High surge capability
- Rugged enclosure

Description

Power Out Watts	Power Out Surge	Power Out Watts (30 mins)	Input Vdc	Efficiency %	Dimensions			Model Type
					L	W	H	
200	500	270	10.6 - 16	93	174	142	84	AJ 201
250	600	370	21.4 - 32	94	174	142	84	AJ 252
250	600	300	42.8 - 62	94	174	142	84	AJ 254
400	850	560	10.6 - 16	93	252	142	84	AJ 401
450	1200	480	21.4 - 32	94	252	142	84	AJ 402
450	1300	480	42.8 - 62	94	252	142	84	AJ 404
800	2300	1100	10.6 - 15.5	93	480	142	84	AJ 801
850	2700	1250	21.4 - 31	94	480	142	84	AJ 802
2000	4800	2500	10.6 - 15.5	93	273	117	415	AJ 2001
2000	4800	2200	21.4 - 31	94	273	117	415	AJ 2002

Specification

AC Output	True sinewave 230Vac (120/60Hz Vac) $\pm 5\%$. For 110Vac - contact sales office.
Frequency	50Hz. (60Hz.) $\pm 0.05\%$ (crystal control).
Distortion THD (on resistive load)	$> 5\%$ at P nom.
IP protection	IP30 conforms to DIN40050 (2000-range IP20).
Forced Ventilation	From 45°C $\pm 5^\circ\text{C}$.
Required battery capacity	$> 5 \times P \text{ nom} / U \text{ nom}$.
Battery deep discharge protection	Shut off at 0.87 x U nom. automatic restart at U nom.
Overheating protection	Shut down at 75°C, auto restart at 70°C. $\pm 5^\circ\text{C}$
Overload protection	Shut down after 2 seconds - no automatic restart
Short circuit protection	Shut down after 2 seconds - no automatic restart
Acoustic Warning	Before low battery, or overheating disconnection.
Noise	$> 45\text{dB}$ (fans).
Remote control	Closed dry contact required for disable.
Potential free alarm contact	60V / 0.5Amp.
Ecc conformity LVD73/23EEC,	EN50081 I/II, EN50082 I/II, EN550014B-50022, EN50091-2, EN60950, IEC801 II/III/IV, CEI555, EMC Dir.89/336/EEC.
Warranty	2 Years.