

Inverter Combi 1000-2000W



The Kisea inverter combi incorporates an advanced DC to AC inverter, 4 stage adaptive smart battery charger and super-fast changeover switch. When mains power (from hook up or generator) is available, the unit will rapidly and safely charge your batteries. As soon as the plug is pulled the unit switches over instantly to provide inverter power around your electrical systems.

IMPORTANT: Make sure you compare like for like with combi inverter charger specifications—almost all other manufacturers quote 30 minute cold ratings. With Kisea, are ratings are for continuous output power to ensure that you specify the correct unit first time.

DC Input Rear Panel



AC Output Front Panel



Pure Sinewave Output – ensures interference free operation with all electrical appliances

4 Stage Smart Battery Charger – By combining an inverter and a charger you are not compromising quality of battery charge. The charger within AbSo units is based on the same technology as the AbSo stand-alone units.

Fast Transfer Switch – switching between inverter and external AC power takes less than 30 milliseconds. This is fast enough to keep most PC's alive and clocks on microwaves or audio visual equipment operating. The transfer between external AC power and inverter power is automatic or can be controlled manually using the unit's front control panel. The transfer switch is rated for systems up to 30 amps AC (7kW)

Built In Control Panel – built in to the front of the unit to allow set up, monitoring and control. Displays battery voltage and output wattage when in use. The control panel is detachable so it may be mounted anywhere on board. Supplied with a 25' (7.5m) extension cable.

Programmable Features – Idle mode sends the inverter to sleep and automatically awakens it when a load is sensed to reduce zero

Inverter Combi 1000 - 2000w

PART	03-1004	03-1005
PARAMETER	1000w Model	2000W Model
AC OUTPUT POWER (CONTINUOUS)	1000W	2000W
AC OUTPUT POWER (PEAK)	2000W	4000W
AC OUTPUT VOLTAGE/FREQUENCY	230VAC / 50 Hz	230VAC / 50 Hz
AC OUTPUT CURRENT	4.3A	8.7A
AC OUTPUT WAVEFORM	True Sine Wave (<3% THD)	True Sine Wave (<3% THD)
PEAK EFFICIENCY	90%	90%
DC OUTPUT		
VOLTAGE (NOMINAL)	12.5Vdc	12.5Vdc
OPERATION RANGE	10.5 - 15.5Vdc	10.5 - 15.5Vdc
INVERTER STANDBY CURRENT	< 1.5A	< 1.5A
PROTECTION		
INPUT UNDERVOLTAGE SHUTDOWN	10.5/11.0Vdc	10.5/11.0Vdc
INVERTER OVERVOLTAGE SHUTDOWN	15.5Vdc	15.5Vdc
DISPLAY PLANEL		
INDICATOR	Status, Display	
DIGITAL DISPLAY (LED)	Input Voltage, Output Power, Warning and Error Code	
BATTERY CHARGER		
CHARGER VOLTAGE RANGE	13.5 - 14.4V	13.5 - 14.4V
FLOAT VOLTAGE RANGE	13.4 - 13.8V	13.4 - 13.8V
CHARGER CVURRENT	40A	55A
CHARGER BATTERY TYPE	Gel, Flooded, AGM, Fixed	Gel, Flooded, AGM, Fixed
AC INPUT VOLTAGE/ FREQUENCY	230VAC / 50Hz	230VAC / 50Hz
AC TRANSFER SWITCH		
TRANSFER TIME	< 30ms	< 30ms
TRANSFER RELAY RATING	16A	16A
REGULATORY COMPLIANCE		
MARKINGS	CE	CE
CONFORMANCE	LVD, EMC	LVD, EMC
ENCLOSURE		
WEIGHT	5.7 Kg	6.6kg
DIMENTIONS	230 x 478 x 114mm	230 x 478 x 114mm