

IVT Function included

ERP3000-IVT RCD

NEW



INVERTER	ERP3000-IVT RCD
PART-NR	215487
TECHNICAL DATA	
NO-LOAD OUTPUT VOLTAGE	230Vac± 10%
LOAD OUTPUT VOLTAGE	210÷240Vac
FREQUENCY	50Hz
PEAK POWER	6000W
CONTINUOUS POWER	3000W
OUTPUT WAVE	Pure sine wave (THD < 3%)
SHORT-CIRCUIT PROTECTION	SI
OVER-LOAD PROTECTION	3100÷3400W
INPUT TECHNICAL DATA	
OPERATING VOLTAGE RANGE	11÷15Vdc
NO-LOAD CURRENT	≤ 1.6A
INPUT LOW-VOLTAGE ALARM	10.5Vdc
INPUT LOW-VOLTAGE SHUT DOWN	9.5Vdc
INPUT OVER-VOLTAGE SHUT DOWN	16Vdc
DC INPUT REVERSE POLARITY	YES (fuse)

INPUT TECHNICAL DATA «MAINS MODE»	
OPERATING VOLTAGE RANGE	230Vac± 10%
FREQUENCY	50HZ
INPUT PROTECTION	Fuse 20A
AC SWITCH (INVERTER/MAINS MODE)	≤ 100ms
GENERAL TECHNICAL DATA	
EFFICIENCY	≥ 85%
VENTILATION	Forced, variable automatic regulation
ROOM TEMPERATURE	-15° ÷ +40%
OVER TEMPERATURE PROTECTION	SI
230V CONNECTION	1x Schuko socket
BATTERY CONNECTION	Clamps
RCD	int. differenziale-magnetotermico 20A
REMOTE SWITCH	MCI3 (optional)
DIMENSIONS (mm)	422 x 300 x 93H
WEIGHT	6,3 Kg
IVT FUNCTION INCLUDED	SI (presa IEC C20 da 16A)

INVERTER

- ◆ **PURE SINE WAVE** INVERTERS 12V/230V
ERP SERIES
 - ◆ ERP300 ◆ ERP600 ◆ ERP1500 ◆ ERP2000-IVT PLUS ◆ ERP3000-IVT RCD
- ◆ REMOTE CONTROL PANEL MCI3



INVERTER

PURE SINE WAVE INVERTER 12V/230V ERP SERIES

The new “ERP” series inverters, with pure sine wave output, specifically designed for use on campers and cars, stand out for their high performance, construction quality, maximum safety and reliability.

INVERTER	ERP300	ERP600	ERP1500
CODE	215475	215477	215481
TECHNICAL DATA			
NO-LOAD OUTPUT VOLTAGE	230Vac± 10V	230Vac± 10V	230Vac± 10V
LOAD OUTPUT VOLTAGE	210÷240Vac	210÷240Vac	210÷240Vac
FREQUENCY	50HZ	50HZ	50HZ
PEAK POWER	600W	1200W	3000W
CONTINUOUS POWER	300W	600W	1500W
OUTPUT WAVE	Pure sine wave (THD < 5%)	Pure sine wave (THD < 5%)	Pure sine wave (THD < 5%)
SHORT-CIRCUIT PROTECTION	YES	YES	YES
OVER-LOAD PROTECTION	360÷400W	650÷750W	1550÷1800W
INPUT TECHNICAL DATA			
OPERATING VOLTAGE RANGE	11÷15Vdc	11÷15Vdc	11÷15Vdc
NO-LOAD CURRENT	≤ 0.8A	≤ 1.0A	≤ 1.3A
INPUT LOW-VOLTAGE ALARM	10.5Vdc	10.5Vdc	10.5Vdc
INPUT LOW-VOLTAGE SHUT DOWN	9.5Vdc	9.5Vdc	9.5Vdc
INPUT OVER-VOLTAGE SHUT DOWN	16Vdc	16Vdc	16Vdc
DC INPUT REVERSE POLARITY	YES (fuse)	YES (fuse)	YES (fuse)
GENERAL TECHNICAL DATA			
EFFICIENCY	≥ 85%	≥ 85%	≥ 85%
VENTILATION	Forced, variable automatic regulation	Forced, variable automatic regulation	Forced, variable automatic regulation
ROOM TEMPERATURE	-15° ÷ +25°C; 60°C at 40% power load	-15° ÷ +25°C; 60°C at 40% power load	-15° ÷ +25°C; 60°C at 40% power load
OVER TEMPERATURE PROTECTION	YES	YES	YES
230V CONNECTION	Schuko socket	Schuko socket	Schuko socket
BATTERY CONNECTION	Clamps	Clamps	Clamps
USB OUTPUT	1x USB type A	1x USB type A	2x USB type A
REMOTE SWITCH	MCI3 (optional)	MCI3 (optional)	MCI3 (optional)
DIMENSIONS (mm)	236 x 171 x 74H	272 x 171 x 74H	375 x 210 x 100H
WEIGHT	1,4Kg	1,75Kg	3,9Kg
IVT FUNCTION INCLUDED	No	No	No

IVT Function included

ERP2000-IVT PLUS



INVERTER	ERP2000-IVT PLUS
CODE	215485
TECHNICAL DATA	
NO-LOAD OUTPUT VOLTAGE	230Vac± 10V
LOAD OUTPUT VOLTAGE	210÷240Vac
FREQUENCY	50Hz
PEAK POWER	4000W
CONTINUOUS POWER	2000W
OUTPUT WAVE	Pure sine wave (THD < 3%)
SHORT-CIRCUIT PROTECTION	YES
OVER-LOAD PROTECTION	2050÷2250W
INPUT TECHNICAL DATA	
OPERATING VOLTAGE RANGE	11÷15Vdc
NO-LOAD CURRENT	≤ 1.6A
INPUT LOW-VOLTAGE ALARM	10.5Vdc
INPUT LOW-VOLTAGE SHUT DOWN	9.5Vdc
INPUT OVER-VOLTAGE SHUT DOWN	16Vdc
DC INPUT REVERSE POLARITY	YES (fuse)
INPUT TECHNICAL DATA «MAINS MODE»	
OPERATING VOLTAGE RANGE	230Vac± 10%
FREQUENCY	50HZ
INPUT PROTECTION	Fuse 15A
AC SWITCH (INVERTER/MAINS MODE)	≤ 100ms
GENERAL TECHNICAL DATA	
EFFICIENCY	≥ 85%
VENTILATION	Forced, variable automatic regulation
ROOM TEMPERATURE	-15° ÷ +25°C; 60°C at 40% power load
OVER TEMPERATURE PROTECTION	YES
230V CONNECTION	1x Schuko socket
BATTERY CONNECTION	Clamps
USB OUTPUT	2x USB type A
REMOTE SWITCH	MCI3 (optional)
DIMENSIONS (mm)	385 x 250 x 100H
WEIGHT	4,9 Kg
IVT FUNCTION INCLUDED	YES

MCI3



INVERTER

REMOTE CONTROL PANELS

Remote control panels for inverters, equipped with LED to show inverter status (on / off) and complete with:

Built-in version, complete with “BMAC1C” Berker frame, fitting the “Modular Plates” and the “Modular Plates Berker” range. Dimensions 60 x 60 mm.

MCI3 / G 215470
MCI3 / M 215471
Colours: /G Grey RAL 7015.
/M Brown RAL 8016.

ALKO Vehicle Technology Electronics S.r.l.

Via Vienna, 4 | 38121 Trento (Italy)
T. +39 0461 991598
cbe@cbe.it | **www.cbe.it**
info@nordelettronica.it | **www.nordelettronica.it**