

CLP sine wave inverters

LEAB CLP sine wave inverters are constructed according to the most modern switch mode technology and are therefore extremely well suited as built-in appliances for mobile power supply systems. Very low power consumption even at high output performance strongly recommends these inverters. Compared to inverters of conventional design LEAB

CLP sine wave inverters with their 5 to 9 kg of weight are absolutely lightweight. Due to lacquered PCBs the inverters' electronic is protected against salt mist, dampness and vibrations. Double galvanic separation is standard for these inverters as well.



CLP 812, 824



CLP 512, 524 in IP64



CLP 1312, 1424



Remote control with display

Model	Part no.	Input VDC	Continuous output power VA	IP class	Dimensions mm l x w x h*	Weight kg
CLP 512 IP64	02.051.20510	12 (10 - 15)	500	IP64	282x205x98	5.0
CLP 812	02.051.20800	12 (10 - 15)	800	IP21	282x205x98	5.0
CLP 1312	02.051.21000	12 (10 - 15)	1300	IP21	314x190x122	7.0
CLP 2012	02.051.22300	12 (10 - 15)	2000	IP21	384x190x122	9.0
CLP 524 IP64	02.052.40510	24 (20 - 30)	500	IP64	282x205x98	5.0
CLP 824	02.052.40800	24 (20 - 30)	800	IP21	282x205x98	5.0
CLP 1424	02.052.41000	24 (20 - 30)	1400	IP21	314x190x122	7.0
CLP 2324	02.052.42300	24 (20 - 30)	2300	IP21	384x190x122	9.0

*Dimensions incl. connection terminal

General technical data

Max. efficiency	> 95 %
Output voltage	230 VAC, +/- 3 %, sine wave
Frequency	50 Hz +/- 0.04 %
Output wave form	pure sine wave
Overload capacity (1 sec.)	512 + 524: 1200 W, 812 + 824: 1500 W, 1312: 2800 W, 2012: 4000 W, 1424: 3000 W, 2324: 4500 W
AC outlet	3-pole female IEC socket
DC inlet	screw connections
Housing	anodised aluminium
Cooling	convection and temp. controlled fan
Battery connections	Front-end pole blocks, 500 - 800 VA: Ø 6 mm; 1300 - 2300 VA: Ø 8 mm
PCB protection	coated with lacquer
Operating temperature	-20 to +55 °C
Battery cable	2 x 2 m highly flexible lead with nickel-plated lugs on one end, 500/800 VA: 2 x 10 mm ² , 1300/1400/2324 VA: 2 x 35 mm ² , 2000 VA: 2 x 50 mm ²
Housing	anodized extruded aluminium
Remote function	yes, via ext. switch
Alarm functions	overload, high temp., short circuit, low batt.
Economy mode	yes
Status indication	2 LEDs
ON / OFF Switch	yes
Norms	IEC 950; EN 50081-1:1992; EN 50082-1:1992
Approvals	CE; e-marking according to 95/54/EG (EMC / Automotive EMC Directive)

ADVANT LCD control module

- Options with PC program installed**
(with connected shunt and CP sense probe)
- 3 x timer functions. Switch ON and OFF the single units
 - Individual voltage and current set-up's
 - Different alarm set-up's
 - Alarm read-out displayed directly on symbols at display.
 - Individual battery data set-up's and battery type selections
 - External temperature measurements
 - Individual battery historical data read out
 - Intelligent fuel gauge
 - Remain capacity

- Remain time before "close down"
- Controlling of 32 individual units
- 2 x remote output set-up's

Standard features

- (without connection of shunt & CP sense probe)
- Time (hh.mm.ss)
 - Light intensity
 - Menu selection for connected units
 - Status read out for each single unit
 - Failure read out for each single unit
 - Power ON / OFF functions for each single unit or all units
 - Controlling of 6 individual units

Accessories

Model	Part no.	Input voltage VDC	Power consumption mA	Dimensions mm l x w x h	Weight kg
ADVANT LCD	02.059.00020	10 - 30	50 - max. 400	110x154x36	0.8