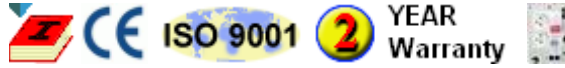




## Ares 800LT2

Topology	Line interactive
Max output power (capacity)	800VA (480W)
Autonomy ( 80% max. load.)	75 min
AVR system	YES
Communication interface	YES
Software support - UPS Monitor program	Included (free)
FAX/Modem line protection	NO
External battery module connector ( for MB4821)	YES



### Application

Secure power for 1 - 2 PC computers in applications that demands long autonomy backup time.

### Characteristics Features

Ares 800LT2 it is line-interactive UPS with rated power 800VA (480W). This gives enough power to supply 2 PC computers or a server.

Build in processor allows controlling mains condition and starting inverter in short time to prevent power fail delivering power to loads with minimal transfer time.

AVR system provides enough power to supply output even during voltage drops without using energy stored in batteries.

State of UPS unit is constantly presented by LED signals on front panel and sound alarms.

UPS is equipped with DB9 signal port that could provide controlled operating system shutdown controlled via UPS Monitor software installed on protected computer.

DIP switch setting located at back panel allows easy programming UPS features as: AVR voltage levels change, unit auto-test during start up, automatic power deliver to output

UPS is equipped with external battery connector for longer autonomy application using extra Battery Module MB4821.

### Autonomy time table for Ares 800 LT2

Output Power [VA]	100	200	300	500	800
Autonomy with internal battery only [min]	600	300	180	90	50
Autonomy with 1 Battery Module MB4821 [min]	-	-	480	270	150
Autonomy with 2 Battery Modules MB4821 [min]	-	-	780	488	260

### Technical specifications

Interface	YES
Features DIP switch setting	YES
Cold start	YES
Outlets	2 x CEE7 FR
AVR	YES
Dimensions (H.xW.xD.)	345x255x340 mm
Weight (net)	35 kg
Nominal input voltage	220-240Vac, 1PH, 50Hz
Output max power for PF=0,6	800VA, 480W
Input voltage range	170-258Vac or 264Vac +/-3Vac
AVR levels :	AVR levels value:
<ul style="list-style-type: none"> <li>• AC - AVR</li> <li>• AC - Battery Mode</li> <li>• AVR - Battery Mode</li> <li>• AC - Battery Mode</li> </ul>	<ul style="list-style-type: none"> <li>• 190/200Vac +/-3Vac</li> <li>• 170/200Vac +/-3Vac</li> <li>• 170/180Vac +/-3Vac</li> <li>• 264/258Vac or 258/250Vac +/-3Vac</li> </ul>
Transfer time	4 -5 ms
Autonomy (at 80% of max load)	110 min (for Ares 800LT3 / 12 batt)
Output voltage stability at Battery mode	230Vac +/-3Vac
Output voltage shape at Battery Mode	squared ( approximated sinwave)
Output frequency stability at Battery Mode	50Hz +/-1%
Output voltage regulation at AC & AVR mode	192-264Vac +/-3Vac & 170-200Vac +/-3Vac
AVR range	
Battery type	CSB 7Ah, 12V, VRLA
Battery number	8 ( 2 x 4 in string)
Battery life time	3-5 years ( depending operating conditions)
Charge time to 80% of max capacity	typical 6-8h
Surge and overvoltage protection	varistor 280J/4kV
EMI protection	EMI/RFI
Output protection at Battery Mode	electronic protection - over current and short circuit
Input protection	fuse 6,3A