



## ORVALDI i600-800 LCD USB

The **ORVALDI i600-800 LCD** Series of Emergency Power Supplies works in the Line-interactive class. Through full microprocessor control, it provides high level of protection for connected devices. Wide input voltage range and stable power supply AVR extends battery life.

### Product features:

- Easy battery replacement
- microprocessor-based control,
- AVR Boost and Buck Voltage Stabilization
- short switching time <6 ms,
- simulated sinewave,
- auto-restart,
- the cold start function allows starting devices without mains
- LCD display,
- quiet operation,
- output:  
2x USB charger port, USB communication ports, 2 RJ45 protectors and 2 schuko round universal power sockets,

### Application:

- home electronics,
- emergency lighting,
- alarm system,
- telecommunication equipment,
- fiscal devices,
- work stations,



<b>MODEL</b>	<b>ORVALDI i600LCD USB</b>	<b>ORVALDI i800LCD USB</b>
Capacity	600VA/360W	800VA/480W
<b>INPUT</b>		
Voltage	220/230/240 Vac	
Voltage range	-30%,+25%	
Frequency	50/60 Hz auto-det.	
<b>OUTPUT</b>		
Voltage (DC Mode)	220/230/240 Vac +/-10%	
Frequency	50/60 Hz +/-1Hz	
Waveform	Simulated sine wave	
Steps of regulation	II Boost + I Buck	
Transfer time	<6ms typical	
Socket	2 USB charger and 1 USB communication ports, 2 RJ45 surge outlets, and 2 schuko round all-in-one power outlets	
<b>Battery</b>		
Voltage	12 VDC	
Recharge time (to 90%)	5h	
Type	12V/7Ah*1szt.	12V/9Ah*1szt.
<b>Indicator</b>		
Display	LCD	
Alarm	Batt, Mode, Low battery, overload, fault, ect	
<b>Functions</b>		
Overload protection	Yes	
Short circuit protection	AC fuse and electronics circuit	
Auto-recharge	Yes	
Auto-restart	Yes	
Intelligent battery door	Yes	
<b>Physical</b>		
Dimensions mm	315,5x100x141	
<b>Environment</b>		
Working temperature	0-40°C	
Humidity	0-90%	