OLS UPS Series





The OLS series, featured with smart microprocessor control design, AVR boost and Buck, Smart RS232/USB interface and cold start function, is a cost-effective solution to your mission-critical PC and valuable peripherals.

Features

AVR Boost and Buck

Automatically corrects either under-voltage or over-voltage condition without unnecessary battery drain and extend the life of the battery.

Cold Start Function

Aids users to turn on the UPS without connecting the Utility.

Smart RS232/USB Interface for Power Management

Supports real-time power and UPS status monitoring. Automatic shutdown,schedule and many other advance power management functions. The RS232 &USB ports of 1.2KVA up can be enabled simultaneously.

Built-in Self-diagnostic Function

May execute automatically upon power-on or software-control.

Auto-restart Function

The UPS will be automatically re-started when Utility recovers.

Compatible with Generator Set

OLS series supports wide range input voltage to fit with various generator sets.

Models with LCD Display are Available Now

With comprehensive graphic display, it provides easy read-out status of the UPS from the screen, such as input voltage, output voltage, load level, battery leve... ..etc..

Fastest Charging Capacity

With built-in powerful charger, the UPS can be fully charged back to 90% in 6-8 hours.

Auto Charging at Off Mode

The battery may be charged continuously even though it is at OFF mode.

Modem/LAN Internet Protection

Protects the Modem/LAN against spike or surge coming through network or telephone wires.

OLS UPS Series

Capacity											
NPUT Notage	Model	OLS 400	OLS 600	OLS 800	OLS 1000	OLS1200	OLS 1500	OLS 2000	OLS 2400	OLS 3000	
Voltage ange	Capacity	400VA	600VA	800VA	1000VA	1200VA	1500VA	2000VA	2400VA	3000VA	
Sal 145 VAC / 162-290 VAC Frequency range Sal 145 VAC / 162-290 VAC Frequency range Sal 145 VAC / 162-290 VAC Sal 240 sensing Sal 145 VAC / 162-290 VAC Sal 240 sensing Sal 2	INPUT										
Amber LED flashing Sattry Mode Sattr	Voltage	110/120 VAC or 220/230/240 VAC									
AC Voltage Regulation [Batt. Mode) Frequency Bange (Batt. Mode) Simulated Sine Wave	Voltage range				81	-145 VAC / 162-290	VAC				
AC Voltage Regulation (Batt. Mode) Frequency KangelBatt. Mode) Frequency KangelBatt. Mode) Frequency KangelBatt. Mode) Frequency KangelBatt. Mode) BATTERY Battery Type & Number 12 V/4.5AH x 1 12 V/7AH x 1 12 V/9AH x 1 12 V/7AH x 2 12 V/7AH x 2 12 V/9AH x 2 12 V/9AH x 2 12 V/9AH x 2 12 V/9AH x 2 12 V/7AH x 4 12 V/9AH x 12	Frequency range	60/50 Hz (auto sensing)									
Firequency Range(Batt. Mode) Firequency Range(Batt. Mode) Forequency Range(Batt. Mode)	OUTPUT										
GBatt Mode Frequency Range(Batt Mode) F	AC Voltage Regulation					±100/					
Transfer Time	(Batt. Mode)					±10%					
Waveform (Batt. Mode) Simulated Sine Wave Simulated Sine Wav	Frequency Range(Batt. Mode)					60 Hz or 50 Hz ±1 H	lz				
Battery Type & Number	Transfer Time	Typical 2-6 ms, 10ms max. Typical 10 ms, 13 ms max									
Battery Type & Number 12 V/4.5AH x 1 12 V/7AH x 1 12 V/9AH x 1 12 V/7AH x 2 12 V/7AH x 2 12 V/9AH x 2 12 V/9AH x 2 12 V/9AH x 2 12 V/7AH x 4 12 V/9AH x 3 12 V/9AH x 3 12 V/9AH x 2 12 V/9AH x 2 12 V/7AH x 4 12 V/9AH x 3 12 V/9AH x 4 12 V/9AH x 3 12 V/9AH x 4 12 V/9AH x 3 12 V/9AH x 4 12 V/9A	Waveform (Batt. Mode)	Simulated Sine Wave									
Typical Recharge Time G-8 hours recover to 90% capacity INDICATORS AC Mode Battery Mode Battery Mode Fault Red LED lighting FOUR PROTECTION Full Protection Overload and overcharge protection ALARM Battery Mode Low Battery Sounding every 10 seconds Low Battery Overload Sounding every 0.5 second Battery Replacement Alarm Fault Continuously sounding PHYSICAL Dimension (Wx H x D) mm 101x142 x 298 149.3 x 162 x 338 158 x 198 x 380 213 x 145 x 436 Net Weight (kg) 3.55 4.25 4.7 7.8 8 10.1 10.5 19.8 23 OPERATING ENVIRONMENT Humidity 0.90 % RH @ 0.40°C (non-condensing) Noise Level Less than 40dB	BATTERY										
NDICATORS AC Mode Green LED lighting Green LED flashing Green LED flashing Fault Red LED lighting Red LED light	Battery Type & Number	12 V/4.5AH x 1	12 V/7AH x 1	12 V/9AH x 1	12V/7AH x 2	12 V/7AH x 2	12 V/9AH x 2	12 V/9AH x 2	12 V/7AH x 4	12 V/9AH x	
NDICATORS AC Mode Green LED lighting Green LED flashing Green LED flashing Fault Red LED lighting Red LED light	Typical Recharge Time	6-8 hours recover to 90% capacity									
## Battery Mode	INDICATORS		_	_	_		, ,	_	_		
Fault Red LED lighting PROTECTION Full Protection Overload and overcharge protection ALARM Battery Mode Sounding every 10 seconds Low Battery Overload Sounding every 9.5 second Battery Replacement Alarm Sounding every 2 seconds Fault Continuously sounding PHYSICAL Dimension (W x H x D) mm 101 x 142 x 298 149.3 x 162 x 338 158 x 198 x 380 213 x 145 x 436 Net Weight (kg) 3.55 4.25 4.7 7.8 8 10.1 10.5 19.8 23 OPERATING ENVIRONMENT Humidity 0-90 % RH @ 0 - 40°C (non-condensing) Noise Level Less than 40dB	AC Mode	Green LED lighting									
## PROTECTION	Battery Mode	Amber LED flashing Green LED flashing									
ALARM	Fault	Red LED lighting									
Sounding every 10 seconds	PROTECTION										
Sounding every 10 seconds	Full Protection	Overload and overcharge protection									
Sounding every second	ALARM										
Overload Sounding every 0.5 second Battery Replacement Alarm Sounding every 2 seconds Fault Continuously sounding PHYSICAL Dimension (W x H x D) mm 101 x 142 x 298 149.3 x 162 x 338 158 x 198 x 380 213 x 145 x 436 Net Weight (kg) 3.55 4.25 4.7 7.8 8 10.1 10.5 19.8 23 OPERATING ENVIRONMENT Humidity 0-90 % RH @ 0- 40°C (non-condensing) Noise Level Less than 40dB	Battery Mode	Sounding every 10 seconds									
Sounding every 2 seconds Sounding every 2 seconds	Low Battery	Sounding every second									
Fault Continuously sounding PHYSICAL Dimension (W x H x D) mm 101 x 142 x 298 149.3 x 162 x 338 158 x 198 x 380 213 x 145 x 436 Net Weight (kg) 3.55 4.25 4.7 7.8 8 10.1 10.5 19.8 23 OPERATING ENVIRONMENT Humidity 0-90 % RH @ 0-40°C (non-condensing) Noise Level Less than 40dB MANAGEMENT	Overload	Sounding every 0.5 second									
PHYSICAL Dimension (W x H x D) mm 101 x 142 x 298 149.3 x 162 x 338 158 x 198 x 380 213 x 145 x 436 Net Weight (kg) 3.55 4.25 4.7 7.8 8 10.1 10.5 19.8 23 OPERATING ENVIRONMENT Humidity 0-90 % RH @ 0-40°C (non-condensing) Less than 40dB MANAGEMENT	Battery Replacement Alarm	Sounding every 2 seconds									
Dimension (W x H x D) mm 101 x 142 x 298 149.3 x 162 x 338 158 x 198 x 380 213 x 145 x 436 Net Weight (kg) 3.55 4.25 4.7 7.8 8 10.1 10.5 19.8 23 OPERATING ENVIRONMENT Humidity 0-90 % RH @ 0-40°C (non-condensing) Less than 40dB MANAGEMENT	Fault	Continuously sounding									
Net Weight (kg) 3.55 4.25 4.7 7.8 8 10.1 10.5 19.8 23 OPERATING ENVIRONMENT Humidity 0-90 % RH @ 0-40°C (non-condensing) Noise Level Less than 40dB MANAGEMENT	PHYSICAL										
OPERATING ENVIRONMENT Humidity 0-90 % RH @ 0-40°C (non-condensing) Noise Level Less than 40dB MANAGEMENT	Dimension (W x H x D) mm	101 x 142 x 298 149.3 x 162 x 338					158 x 1	158 x 198 x 380 213 x 145 x 436			
OPERATING ENVIRONMENT Humidity 0-90 % RH @ 0- 40°C (non-condensing) Noise Level Less than 40dB MANAGEMENT	Net Weight (kg)	3.55	4.25	4.7	7.8	8	10.1	10.5	19.8	23	
Noise Level Less than 40dB MANAGEMENT	OPERATING ENVIRONMENT										
Noise Level Less than 40dB MANAGEMENT	Humidity	0-90 % RH @ 0- 40°C (non-condensing)									
	Noise Level					Less than 40dB					
Optional USB/RS-232 Port Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7, Linux, Unix. and MAC	MANAGEMENT										
	Optional USB/RS-232 Port			Supports W	indows® 2000/200	3/XP/Vista/2008, Wi	indows® 7, Linux, U	Inix, and MAC			







