



# Offline UPS series, LINE INTERACTIVE UPS, 400VA ~ 2000VA

1. Microprocessor : Controlled by a technologically advanced microprocessor guaranteeing high reliability
2. AVR Function : Equipped with 2 boost & 1 buck AVR function to regulate output voltage
3. Management Software : Management software is designed to monitor and control RS-232 Smart UPS and provides numerical and graphical display of the UPS status (eg.: voltage, frequency, load and etc.)
4. Cold Start Function : Built-in DC start function enables UPS to be started without AC power supplied
5. Built-in CCCV Battery Charger : Constant current, constant voltage battery charger
6. UPS Green Mode : Energy saving function
7. Interactive UPS : Line Interactive UPS with interactive topology
8. Off-mode Charging : UPS will charge itself even though power switch is off
9. RS-232 / USB port (Optional) : RS-232 or USB port and cable for managing functions via PC
10. LCD display (Optional)

Model		ON-OT51040	ON-OT51060	ON-OT51080	ON-OT51100	ON-OT51120	ON-OT51150	ON-OT51200
		ON-OT71040	ON-OT71060	ON-OT71080	ON-OT71100	ON-OT71120	ON-OT71150	ON-OT71200
Capacity		400VA/240W	600VA/360W	800VA/480W	1000VA/600W	1200VA/720W	1500VA/900W	2000VA/1200W
Input	Voltage	110/115/120Vac or 220V/230/240Vac						
	Voltage Range	-30%+25%						
		120V System: 80Vac-145Vac				220V System: 154Vac-290Vac		
Frequency	50Hz or 60Hz (Auto-Sensing)							
Output	Voltage Regulation AC Mode	110/115/120VAC or 220/230/240VAC +/- 10%						
	Voltage Regulation Battery Normal	110/115/120VAC or 220/230/240VAC +/- 10%						
	Frequency	50Hz or 60Hz +/- 1Hz						
	Waveform	Simulated Sinewave						
	Transfer Time	< 6ms(Typical)						
	Outlet: IEC-320/Nema 5-15R	4/4			6/6		8/8	
	Outlet:	2/3/3/3					6/6/6/6	
Battery	Voltage	12VDC			24VDC		24VDC	
	Type	12V/4.5AH	12V/7AH	12V/9AH	12V/7AH*2pcs	12V/7AH*2pcs	12V/9AH*2pcs	12V/9AH*2pcs
	Recharge Time	5hr to 90% after complete discharge						
	Safety Protection	Over Charge & Over Discharge Protection						
	Advanced Battery Management	Yes						
	Back-up Time (Load with 1 PC)	10 Minutes	20 Minutes	30 Minutes	40 Minutes	40 Minutes	50 Minutes	50 Minutes
Display	LED Status Indicators	Normal (Green), Battery (Yellow), UPS cut off (Red)						
	LCD Display	I/P & O/P Voltage & Frequency, Load %, Battery %						
Audible Alarm	Battery Mode	Two short tones every 8 seconds						
	Low Battery	Four short tones every second						
	Overload	Red LED: Flashing, Buzzer: Beeping continuously						
	Fault	Beeping continuously						

<b>Function</b>	AVR (Automatic Voltage Regulation)	2 Boost + 1 Buck		
	DC Start Function	Yes		
	Over/Under Voltage Protction	Yes		
	No-load Cut-off (Green Mode)	Yes		
	Silence The Audible Alarm	Yes		
	Off-mode Charging	Yes		
	Short Circuit Protection	AC Fuse and Electronics Circuit(Line mode) ; Electronics Circuit(Back-up Mode)		
Lightning/Surge Protection (Optional)	99 Joules (110/115/120Vac) / 175 Joules (220/230/240Vac)			
<b>Communication Port</b>	Smart RS-232 / USB Port		USB Port	
<b>Management Software</b>	Shutdown Software (Supporting Windows 98/NT/2000/Me/XP/2003/Vista/7/8)			
<b>Environment</b>	Operating Temperature	0° C - 40° C (32°F~104°F)		
	Humidity	0-95% (No Condensing)		
	Acoustic Noise	<40 dB at 1M		
<b>Safety Standard</b>	LVD	CE (EN60950-1:2006+A11:2009+A1:2010+A12:2011)		
	EMC	CE (EN55022:2010 ; EN55024:2010)		
<b>Physical</b>	Dimension(D*W*H)	305*98*170mm	385*98*170mm	360*150*160mm
<b>Design, Manufacture, Service</b>	ISO9001-2000			
<b>Warranty</b>	1 Year			

Model Comparison Table						
Model \ Features	RJ-11	RS-232	USB	LED	LCD	
51040~51120				YES		
55040~55120	YES	YES		YES		
57040~57120	YES		YES	YES		
71040~71120					YES	
75040~75120	YES	YES			YES	
77040~77120	YES		YES		YES	



LED display



LCD display

Model no.'s definition as below:

First Digital : 5 means LED, 7 means LCD

Second Digital: 1 means standard one, outlets only, 5 means with RS232 port+Cable+Monitoring software, 7 means with USB port+Cable+Monitoring software

Third Digital to Fifth Digital: means the capacity, 040 means 400va, 060 means 600va like that....