



Server



Telecom



Industrial



Network



Hospitality



Medical

## AMB ON Plus 1 – 10 kVA UPS Series



- Comprehensive display allows easy monitoring and access of UPS status
- ECO mode and high efficiency power conversion for energy saving
- Low input THDi ( $\leq 5\%$ ) to reduce power system pollution
- Microprocessor control optimizes reliability
- Charger current can be selected via LCD panel
- Advanced Battery Management (ABM)
- Emergency power off (EPO) function
- Wide input voltage (110 V – 300 V)
- True Online double-conversion
- Battery Extendable On All Models
- Input power factor correction
- Output Power Factor 1
- Generator compatible
- HID USB Communication

*the power to lead*

## AMB ON Plus 1 – 3 kVA UPS Series

### > SPECIFICATION

Model Name	AMB-ON-Plus-1000-T	AMB-ON-Plus-1500-T	AMB-ON-Plus-2000-T	AMB-ON-Plus-3000-T			
<b>PHASE</b>	Single phase with ground						
<b>CAPACITY*</b>	1000 VA / 1000 W	1500 VA / 1500W	2000 VA / 2000 W	3000 VA / 3000 W			
<b>INPUT</b>							
Nominal Voltage	100/110/115/120 /127 VAC or 200/208/220/230/240 VAC						
Voltage Range	55 - 150 VAC $\pm$ 3 % or 110 - 300 VAC $\pm$ 3 % at 50% load 80 - 150 VAC $\pm$ 3 % or 160 - 300 VAC $\pm$ 3 % at 100% load						
Frequency Range	40Hz ~ 70Hz						
Power Factor	@ 0.99 @ nominal voltage (100% load)						
THDi%	@ 5%						
<b>OUTPUT</b>							
Output Voltage	100*/110*/115*/120 /127 VAC or 200*/208*/220/230/240 VAC						
AC Voltage Regulation (Batt. Mode)	$\pm$ 1%						
Frequency Range (Synchronized Range)	47 ~ 53 Hz or 57~63Hz						
Frequency Range (Batt. Mode)	50 Hz $\pm$ 0.1 Hz or 60Hz $\pm$ 0.1 Hz						
Current Crest Ratio	3:1						
Harmonic Distortion	@ 2% THD (Linear Load), @ 4 % THD (Non-linear Load)						
Transfer Time	Zero						
	AC to DC	4 ms (Typical)					
	Inverter to Bypass						
Surge Protection	600 Joule						
Waveform (Batt. Mode)	Pure Sinewave						
<b>EFFICIENCY</b>							
Line Mode	@ 89% @ battery fully charged		@ 91% @ battery fully charged				
ECO Mode	@ 96% @ battery fully charge						
Battery Mode	@ 88%		@v90%				
<b>BATTERY</b>							
Battery Type	12 V / 9 AH	12 V / 7 AH	12 V / 9 AH	12 V / 9 AH	12 V / 7 AH	12 V / 9AH	12 V / 7AH
Numbers	2	3	3	4	6	6	8
Typical Recharge Time	3 hours recover to 95% capacity for internal battery@ 2A charging current						
Charging Current	100/110/115/120 /127 VAC models: default 2A, max. 8A adjustable 200/208/220/230/240 VAC models: default 2A, max. 12A adjustable				Default: 2A, Max: 8A adjustable		
Charging Voltage	27.4VDC $\pm$ 1%	41.1VDC $\pm$ 1%	41.1VDC $\pm$ 1%	54.8VDC $\pm$ 1%	82.1VDC $\pm$ 1%	82.1VDC $\pm$ 1%	109.6 VDC $\pm$ 1%
<b>INDICATORS</b>							
LCD Panel	Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicator						
<b>ALARM</b>							
Battery Mode	Sounding every 5 seconds						
Low Battery	Sounding every 2 seconds						
Overload	Sounding every second						
Fault	Continuously sounding						
<b>PHYSICAL</b>							
Dimension, D x W x H (mm)	397 x 145 x 220			421 x 190 x 318			
Net Weight (without battery) (kgs)	6.6	6.6	7	9.9	9.9	12.3	12.3
Net Weight (w/ built-in battery) (kgs)	11.7	13	14.6	20.3	23.2	28	33
<b>ENVIRONMENT</b>							
Humidity	20-95 % RH @ 0- 40°C (non-condensing)						
Noise Level	Less than 50dBA @ 1 Meter			Less than 55dBA @ 1 Meter			
<b>MANAGEMENT</b>							
Smart RS-232 or USB	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8/10, Linux and MAC						
Optional SNMP	Power management from SNMP manager and web browser						
<b>STANDARD</b>							
EMC/Safety	EMC EN62040-2 C2 for CE models						

\*Derate capacity to 80% when the output voltage is adjusted to 100VAC/200VAC/208VAC.  
Product specifications are subject to change without further notice.

*the power to lead*

## AMB ON Plus 6 – 10 kVA UPS Series

### > SPECIFICATION

Model Name	AMB-ON-Plus 6000 TS	AMB-ON-Plus 6000 TL	AMB-ON-Plus 10000 TS	AMB-ON-Plus 10000 TL
Capacity	6000VA/6000W		10000VA/10000W	
<b>Input</b>				
Nominal Voltage	208/220/230/240Vac			
Voltage Range	110-300Vac			
Nominal Frequency	50Hz/60Hz (Auto Sensing)			
Frequency Range	(40~70)Hz			
Power Factor	0.99			
<b>Output</b>				
Nominal Voltage(Batt.mode)	208/220/230/240Vac			
Voltage Regulation	± 1 %			
Nominal Output Frequency	50/60Hz			
Frequency Range (batt. )	± 0.05Hz			
Waveform	Pure Sine Wave			
THDv	≤2% @ linear load, ≤5%@non-linear load			
Current Crest Ratio	3:1			
Transfer Time	0ms			
Surge Protection	600 Joule			
Overload Protection	Line Mode	105%-125%, transfer to bypass after 10min; 125%-150%, transfer to bypass after 1min >150%, transfer to bypass after 10s; >170%, transfer to bypass immediately		
	Battery Mode	105%-125%, shutdown after 2 mins; 125%-150%, shutdown after 30s;>150%, shutdown immediately		
	Bypass Mode	125%-150%, cut off output and alarm continually after 1 min;>150%, cut off output and alarm continually after 10s; >170%, cut off output and alarm continually after 1s;		
<b>Battery</b>				
Battery Voltage	240V			
Batery Type	12V/7Ah	Depending on external batteries	12V/9Ah	Depending on external batteries
Total Battery Quantity	20		20	
Recharge Time(to 90%)	7H		7H	
Charging Current	1A	4A/	1A	4A
<b>Efficiency</b>				
Efficiency (Inverter Mode)	92%			
Efficiency (Batt. Mode)	90%			
ECO Mode	96%			
<b>Indicators</b>				
Display	LCD			
Alarm	Batt. Mode, low battery, overload, fault, etc.			
<b>Interface</b>				
RS232	Yes			
HID Compliant USB Port	Yes			
EPO	Yes			
SNMP	Yes			
<b>Management</b>				
Parallel Operation	Up to 4			
Auto Recharge	Yes			
Auto Restart	Yes			
Maintenance Switch	Yes			
Power Management Software	Yes			
<b>Physical</b>				
Dimension(W x H x D)(mm)	260 x 708 x 550			
Net Weight (kg)	70	25	86	28
<b>Environment</b>				
Operating Humidity	0-90% non-condensing			
Operating Temperature	0-40°C			
Noise Level	<60dB			

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