

ULA On-line Rack Mount Smart UPS

1KVA ~ 3KVA
PF 0.9



Features

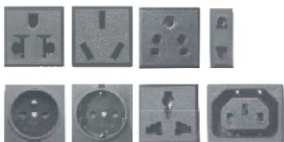
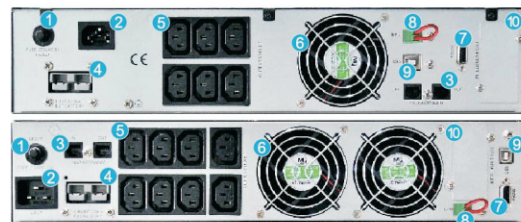
- High frequency true on-line double conversion technology
- VFI (Voltage and Frequency Independent) and DSP (Digital signal processors) control technology
- Active power factor correction (APFC), input power factor up to 0.99
- Output power factor 0.9
- Wide input voltage range (110V ~ 300Vac) and frequency range (40 ~ 70Hz)
- Auto sensing frequency
- 50/60Hz frequency conversion
- Cold start and suitable for Generator
- Rear ventilation design and variable speed fan
- Effective software and hardware protection
- Quick and stable charging, 90% capacity restored in 3 h (standard model UPS)
- Linear derating in low voltage input reducing battery discharging times
- Auto restart when power is restored
- Advanced battery management (ABM)
- Multiple functions LCD + LED Display and Alarm : In/output voltage and frequency; Overload ; Low battery, Battery %; Battery fault; Over temperature, Charger failure, Over charge; ECO mode; Bypass mode; Frequency converter mode...
- Multi-platform communications: RS232/ USB (Standard) ; RS485/SNMP/ Dry contact (Optional)
- Design for Rack Mount or Tower feet selectable

Available Options

- Optional RS485 card, AS400 dry contacts, SNMP card, SMS alarms, EPO function, MBS (External maintenance bypass switch)

Rear Panel

1. Overcurrent Protection
2. AC Input
3. Modem/Tel/Fax
4. DC Input
5. Outlet
6. FAN
7. RS232
8. EPO (optional)
9. USB (optional)
10. Intelligent Slot



Optional sockets

Specifications

MODEL	ULA102RT			ULA202RT			ULA302RT			
Capacity	1 KVA / 900 W			2 KVA / 1800 W			3 KVA / 2700 W			
INPUT										
Rated voltage	200/208/220/230/240 Vac ; 1 phase									
Voltage range	230Vac (or 200/208/220/240 Vac) +30%/ - 25% at 100% loads									
Frequency	40 ~ 70 Hz (auto-sense)									
Power factor	≥ 0.99									
Bypass voltage range	-25% ~ +15% (settable)									
OUTPUT										
Voltage	200/208/220/230/240 Vac (Settable via LCD); 1 phase									
Voltage regulation	± 1%									
Frequency	50Hz / 60Hz (Synchronized to range); 50Hz / 60Hz ± 0.1Hz (battery mode)									
Waveform	Sinusoidal									
Crest factor	3:1									
Harmonic distortion	≤ 2% (linear load); ≤ 5% (non-linear load)									
Transfer time	Mains mode to battery mode: 0 ms Inverter mode to bypass mode: 4 ms (typical)									
Overload capability	Online mode: loads 100% - 110% transfer to bypass in ≥ 10 min.; loads 110% - 130% transfer to bypass in ≥ 1 min.; Loads >130% transfer to bypass in ≥ 1s Bypass mode: loads < 130% working continuously.; loads 130% - 150% working in ≥ 10s; Loads >150% working in ≥ 500ms									
EFFICIENCY										
Mains mode	≥ 90%			≥ 91%			≥ 92%			
Battery mode	≥ 85%			≥ 86%			≥ 87%			
ECO mode	≥ 95%			≥ 96%			≥ 97%			
BATTERIES										
Battery type	VRLA Sealed Lead-acid, maintenance free. Built -in including UPS or External Battery Bank acceptable									
Inbuilt battery(12V)	2pcs * 9AH	3pcs * 7AH	/	4pcs *9AH	6pcs * 7AH	/	6pcs * 9AH	8pcs * 7AH	/	
Charging current (max.)	1.5 A		6 A	1.5 A		6 A	1.5 A		6 A	
Back-up time	5 min. (full loads) / 12 min. (half loads)									
Recharge time	8 h									
ALARMS										
Utility failure	4 s per beep									
Low battery	1 s per beep									
Overload	1 s twice beep									
UPS fault	Long beep									
COMMUNICATIONS										
RS232 / USB	UPSmart software support to Windows® 98 / 2000 / 2003 / XP / Vista / 2008 / Windows® 7 / 8 / 10									
SNMP (optional)	Power management from SNMP manager and web browser									
OTHERS										
Operating temperature	0 ~ 40°C									
Relative Humidity	0 ~ 95% (non-condensing)									
Noise level	≤ 50 dB (1m)									
IP rating/ Safety; EMI, EMS standard	IP20 / IEC 62040-1; IEC 62040-2; IEC 62040-3; IEC 61000-4-2/3/4/5 (ESD/RS/EFT/SURGER)									
Dimensions (W × D × H) (mm)	440 × 468 × 88			440 × 658 × 88			440 × 468 × 88	440 × 658 × 88	440 × 468 × 88	440 × 468 × 88
Packaged dimensions (W × D × H) (mm)	545 × 592 × 198			545 × 782 × 198			545 × 592 × 198	545 × 782 × 198	545 × 592 × 198 (UPS) 590 × 580 × 200 (BAT)	545 × 592 × 198
Net weight (kg)	12.26	13.78	7.58	22.73	25.86	9.66	29.26	9.45 (UPS) 27.2 (BAT)	10.04	
Gross weight (kg)	15.78	17.3	11.1	26.63	29.76	13.18	33.16	12.97 (UPS) 30.2 (BAT)	13.56	

●Derate capacity to 70% in CUCF mode and to 90% when the output voltage is adjusted to 208Vac.
●S means standard model, H means long time model.

●All specifications subject to change without notice.
●Custom-made specifications are acceptable.

Up Select Electronics Co., Ltd.

4F. No.56 Jian Er Rd., Chung Ho City - Taipei - Taiwan R.O.C. Tel: 886 2 22286170 Fax: 886 2 82215491

Up Select Viet Nam Co., Ltd.

Add: Up Select Tower – No.22 Ha Dinh Lake, Ha Dinh St., Thanh Xuan, Ha Noi
Tel: 024. 62751733 - 62850811 * Fax: 024.62751733 * Hotline: 0904292222

Website: www.upselect.com.vn * Email: tuvankythuat@upselect.com; chiendd@upselect.com