

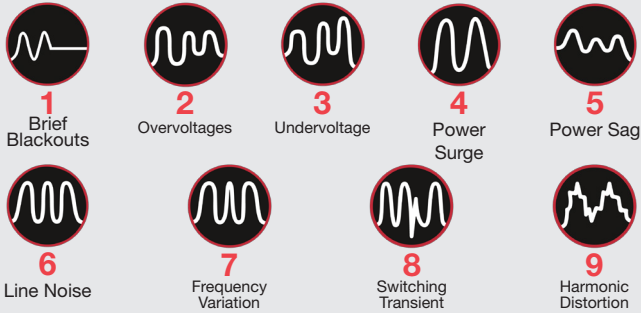
UltimaPro RT Series

Online Rack Mount UPS, 1kVA-3kVA

Highlights

- Pure sine wave output
- Adjustable charging current up to 12A
- Load segment control
- EPO function
- Hot-swappable batteries
- ECO and Frequency Converter Modes
- Intelligent slot for an optional network card
- Optional external battery bank
- Optional external MBS PDU

Protection From



Typical Applications

- Mid-size servers
- Office equipment
- Lab equipment
- Networking devices
- Surveillance systems
- VoIP / PBX systems
- Security systems
- Telecom equipment

OVERVIEW

Model	ULT-P1KRT	ULT-P1.5KRT	ULT-P2KRT	ULT-P3KRT
Capacity	1000VA / 1000W	1500VA / 1450W (LV) 1500VA / 1500W (HV)	2000VA / 1930W (LV) 2000VA / 2000W (HV)	3000VA / 2880W (LV) 3000VA / 3000W (HV)

INPUT

Nominal Voltage	100 / 110 / 115 / 120 / 127Vac (LV) or 200 / 208 / 220 / 230 / 240Vac (HV)
Voltage Range	55-150 VAC or 110-300 VAC at half load ; 80-150 VAC or 160-300 VAC at full load
Frequency Tolerance	40 - 70Hz
Power Factor	>0.99 at full load
Harmonic Distortion (THDi)	<5% at full load

OUTPUT

Nominal Voltage	100 / 110 / 115 / 120 / 127Vac or 200 / 208 / 220 / 230 / 240Vac
Voltage Range (On Battery)	±1%
Frequency Regulation (On Battery)	50/60Hz ± 0.1Hz
Current Crest Factor	3:1 (max.)
Voltage Distortion	2% at linear load; 4% at non-linear load

EFFICIENCY

AC-AC	≥89% at full charged battery	≥91% with full charged battery
Battery Mode	≥88%	≥90%
ECO Mode	≥96% at full charged battery	

TRANSFER TIME

Line Mode <--> Battery Mode	Zero
ECO Mode <--> Battery Mode	<10ms
Inverter <--> Bypass	4ms (typical)

BATTERY

Quantity & Size	2 x 12V / 9Ah (optional 3 x 7Ah)	3 x 12V / 9Ah	4 x 12V / 9Ah (optional 6 x 7Ah)	6 x 12V / 9Ah
Float Charging Voltage	27.4V ± 1%	41.1V ± 1%	54.8V ± 1%	82.2V ± 1%
Rated Battery Voltage	24V	36V	48V	72V
Charging Current	2A - 8A (adjustable) (LV) or 2A - 12A (adjustable) (HV)			2A - 8A (adjustable)
Recharge Time	3 hours to 95% capacity for internal battery at 2A charging current			

PHYSICAL

Dimensions (DWH)(mm/in)	410 x 438 x 88 / 16.1 x 17.2 x 3.5	410 x 438 x 88 / 16.1 x 17.2 x 3.5	510 x 438 x 88 / 20.1 x 17.2 x 3.5	630 x 438 x 88 / 24.8 x 17.2 x 3.5
Weight (kg/lb)	11.6 / 25.6	15.5 / 34.2	19.5 / 43	27.5 / 60.6

*TUV certification for select models