

## TOP V PRO 1.5K RM UPS

### Features:

- Double conversion on line design
- Wide voltage range (110-300VAC) at 230 VAC
- Advanced Eco mode
- Wide frequency rang (40-70Hz)
- SNMP cord/dray contact cord (optional)
- External battery connector
- Epo function
- 600 joule range protection
- Bypass
- Output power factor 0.9
- Frequency converter mode
- Programmable power management outlets
- Hot swappable battery design
- **3 years warranty for electronics and 2 years for battery**



### Specifications

Model		TOP V PRO 1.5K RM
PHASE		Single phase with ground
CAPACITY		1500 VA / 1350 W
INPUT		
Nominal Voltage		100*/110*/115*/120 /127 VAC or 200/208/220/230/240 VAC
Voltage Range		55-150 VAC ± 5% or 110-300 VAC ± 5% @ 50% load 80-150 VAC ± 5% or 160-300 VAC ± 5% @ 100% load
Frequency Range		40Hz ~ 70Hz
Harmonic Distortion(THDi)		≤5% @ nominal input voltage
Power Factor		≥ 0.99 @ nominal voltage (100% load)
OUTPUT		
Output Voltage		100*/110*/115*/120/127 VAC or 200/208/220/230/240 VAC
AC Voltage Regulation (Batt. Mode)		± 1%
Frequency Range (Synchronized Range)		57 ~ 63 Hz or 47 ~ 53 Hz or
Frequency Range (Batt. Mode)		60Hz ± 0.1Hz or 50 Hz ± 0.1Hz
Current Crest Ratio		3:1 (max.)
Harmonic Distortion		≤ 2 % THD (Linear Load); ≤ 4 % THD (Non-linear load)
Transfer Time	AC mode to Battery mode	Zero
	Inverter to Bypass	4 ms (Typical)
Waveform (Batt. Mode)		Pure Sinewave
EFFICIENCY		
AC Mode		90%
ECO Mode		97%
Battery Mode		89%
BATTERY		
Standard Model	Battery Type	12 V / 9 AH
	Numbers	3
	Typical Recharge Time	4 hours recover to 90% capacity
	Charging Current (max.)	1.5 A*
	Charging Voltage	41.1 VDC ± 1%
Long-run Model*	Battery Type	Depending on the capacity of external batteries
	Numbers	3
	Charging Current (max.)	1A / 2A / 4A / 8A
	Charging Voltage	41.1 VDC ± 1%
INDICATORS		
LCD Display		Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicator
ALARM		
Battery Mode		Sounding every 5 seconds
Low Battery		Sounding every 2 seconds
Overload		Sounding every second
Fault		Continuously sounding
PHYSICAL		
Standard Model	Dimension, D X W X H (mm)	410 x 438 x 88
	Net Weight (kgs)	14.5
Long-run Model*	Dimension, D X W X H (mm)	410 x 438 x 88
	Net Weight (kgs)	6.5
ENVIRONMENT		
Humidity		20-90 % RH @ 0- 40°C (non-condensing)
Noise Level		Less than 50dBA @ 1 Meter
MANAGEMENT		
Smart RS-232/USB		Supports Windows 2000/2003/XP/Vista/2008/7/8/10 Linux, Unix, and MAC according software list
Optional SNMP		Power management from SNMP manager and web browser
Standards		CE .EN62040-1 EN62040-2

\* Derate capacity to 95% when the output voltage is adjusted to 115VAC, derate capacity to 90% when the output voltage is adjusted to 110VAC and derate capacity to 80% when the output voltage is adjusted to 100VAC/200VAC/208VAC. \*Product specifications are subject to change without further notice

\*\*If standard UPS is equipped with additional charger, the available setting options become 2A, 3A and 4A.