

TOP V PRO 6-10K UPS

Features:

- True double-conversion
- Microprocessor control optimizes reliability
- Input power factor correction
- **Output power factor 0.9**
- **Wide input voltage (110 V – 300 V)**
- Converter mode available
- ECO mode for energy saving
- Generator compatible
- Adjustable battery number
- Smart SNMP works well with either USB or RS-232 together
- Comprehensive display allows easy monitoring and access of UPS status
- Optional isolation transformer available. (Please check sales directly)



Specifications

MODEL		Top V PRO 6K	Top V PRO 10K
PHASE		Single phase with ground	
CAPACITY*		6000 VA / 5400 W	10000 VA / 9000 W
INPUT			
Nominal Voltage		208/220/230/240VAC	
Input Voltage Range		110-300 VAC (Based on load at 50%) 176-300 VAC (Based on load at 100%)	
Frequency Range		46~54 Hz or 56~64 Hz	
Power Factor		≥ 0.99 @ Nominal Voltage (100% load)	
OUTPUT			
Output Voltage		208/220/230/240VAC	
Voltage Regulation		± 1%	
Frequency Range (Synchronized Range)		46~54 Hz or 56~64 Hz	
Frequency Range (Batt. Mode)		50 Hz or 60Hz ± 0.1 Hz	
Current Crest Ratio		3:1	
Harmonic Distortion		≤ 3 % THD (Linear Load) ≤ 5 % THD (Non-linear Load)	
Transfer Time	AC Mode to Battery Mode	Zero	
	Inverter to Bypass	Zero	
Waveform (Batt. Mode)		Pure Sinewave	
EFFICIENCY			
AC Mode		94%	94%
Battery Mode		90%	91%
BATTERY			
Standard Model	Battery Type	12 V / 9 Ah	
	Typical Recharge Time	9 hours recover to 90% capacity	
	Charging Current (max.)	1A/2A	
	Charging Voltage	218.4 VDC ±1%	273 VDC ±1%
Long-run Model*	Battery Type	Depending on the capacity of external batteries	
	Charging Current (max.)	1A/2A/4A/6A (Adjustable, 6A is only available for 16pcs batteries)	
	Charging Voltage	273 VDC ±1% (Based on 20pcs batteries)	
INDICATORS			
LCD		Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicators	
ALARM			
Battery Mode		Sounding every 4 seconds	
Low Battery		Sounding every second	
Overload		Sounding twice every second	
Fault		Continuously sounding	
PHYSICAL			
Standard Model	Dimension, D x W x H (mm)	369 x 190 x 688	442 x 190 x 688
	Net Weight (kgs)	61	76
Long-run Model**	Dimension, D x W x H (mm)	369 x 190 x 318	442 x 190 x 318
	Net Weight (kgs)	12	16
ENVIRONMENT			
Humidity		0-95% RH @ 0-50°C (non-condensing)	0-95% RH @ 0-40°C (non-condensing)
Noise Level		Less than 55dBA @ 1 Meter	Less than 58dBA @ 1 Meter
MANAGEMENT			
Smart RS-232/USB		Supports Windows 2000/2003/XP/Vista/2008/7/8, Linux, Unix, and MAC	
Optional SNMP		Power management from SNMP manager and web browser	
Standart		CE, EN62040-1, EN62040-2, EN6100-2, EN6100-4	

*1-3KVA: Derate to 80% of capacity in Frequency converter mode and to 80% when the output voltage is adjusted to 100/200/208VAC

6-10KVA: Derate to 60% of capacity in Frequency converter mode and to 90% when the output voltage is adjusted to 208VAC

**Long-run model is only available in 200/208/220/230/240VAC systems (200VAC system only available for 1-3KVA).

*** Product specifications are subject to change without further notice