

Victor 1U



- True double-conversion
- Microprocessor control optimizes reliability
- Input power factor correction
- Output power factor 0.8
- Wide input voltage (110 V – 300 V)
- Converter mode available
- ECO mode for energy saving
- Generator compatible
- Smart SNMP and USB communication
- Optional WiFi Module for App linking
- Comprehensive display allows easy monitoring and access of UPS

Victor 1U Rack-Mount Lithium Battery Online UPS Specification

MODEL	Victor 1U 6KL	
PHASE	Single phase (L+N+PE)	
CAPACITY	6000 VA / 4800 W	
INPUT		
Nominal Voltage	208*/220/230/240VAC	
Voltage Range	110-300VAC \pm 3% at 50% load; 176-300VAC \pm 3% at 100% load	
Frequency Range	46~54Hz / 56~64 Hz	
Power Factor	\geq 0.99 @ nominal voltage (100% load)	
THDi	\leq 6 % @ 100% load	
OUTPUT		
Output Voltage	208*/220/230/240VAC	
Voltage Regulation	\pm 1%	
Frequency Range (Synchronized Range)	46~ 54 Hz or 56 ~ 64 Hz	
Frequency Range (Batt. Mode)	50 Hz or 60Hz \pm 0.1 Hz	
Current Crest Ratio	3:1(max.)	
Harmonic Distortion	\leq 2 % THD (Linear Load) / 4 % THD (Non-linear Load)	
Transfer Time	AC to DC	Zero
	Inverter to Bypass	\leq 4 ms (Typical)
Waveform (Batt. Mode)	Pure Sinewave	
Overload	AC Mode	100% \leq load \leq 105% Warning only; 105%< load \leq 125% 1min; >125%: 1 sec
	Battery Mode	100% \leq load \leq 105% Warning only; 105%< load \leq 125% 30 sec; >125%: 1 sec
EFFICIENCY		
AC Mode	96%(max.)	
Battery Mode	93%(max.)	
BATTERY		
Nominal Voltage	192 VDC	
Charging Current	6.0 A (max.)	
Charging Voltage	218.4VDC \pm 1%	
Battery Connector	2 Poles (50A max.)	
Lithium Battery Pack		
Model Name	LIO 192003	
Capacity	3 Ah	
Nominal DC Voltage	192 VDC	
Cell Type and nominal capacity	LiFeO4 and 3.2V/3Ah	
Continuous discharge current	30A max.	
Battery Connector	2 Poles (50A max.)	
Com ports	RS485 (Pack to UPS), CAN (pack to pack)	
Capacity extension	YES, max up to 5 packs	
Unit Dimension, D x W x H (mm)	550 x 438 x 44	
INDICATORS & COM		
LCD	Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicators	
Communication ports	USB, Mini Slot	
Emergency Power Off (EPO)	YES	
ALARM		
Battery Mode	Sounding every 4 seconds	
Low Battery	Sounding every second	
Overload	Sounding twice every second	
Fault	Continuously sounding	
PHYSICAL		
Unit Dimension, D x W x H (mm)	550 x 438 x 44	
Net Weight (kgs)	12.5	
Package Dimension, D x W x H (mm)	650 x 550 x 100	
Gross Weight (kgs)	14.3	
ENVIRONMENT		
Humidity	0-95 % RH @ 0- 40°C (non-condensing)	
Altitude	0~2000meters without derating; 2000~3000 meters, derating 1% every 100meters; >3000 meters, not working	
Noise Level	Less than 55dBA @ 1 Meter	
MANAGEMENT		
USB	Supports Windows 2000/2003/XP/Vista/2008/7/8, Linux, Unix, and MAC	
Optional SNMP	Power management from SNMP manager and web browser	
Optional WiFi module	App for Wifi linking	

*Derate to 80% of capacity in Frequency converter mode and to 80%
Product specifications are subject to change without further notice