

UPS-V1050VA UPS Chuphotic Venus

Model : UPS-V1050VA



Features:

1. True Online Double Conversion Pure Sine Wave UPS
2. Advanced DSP digital control and IGBT technology
3. High Input power factor correction (Pfc)>0.99
4. Rackmount 19" 2U, 3U and 5U
5. Output pure sine wave less than 2% (THDv)
6. Output voltage 220Vac +/-1%
7. High inverter efficiency (approx. >=90%)
8. Built in static transfer switch (SCR)
9. Self diagnosis at UPS start up/Manual self test
10. Advanced battery management (ABM)
11. EM/RFI and power line noise protection
12. Cold start function
13. Surge, lightning, spike, blackout brownout, overload and short function
14. Rs232 communication with UPSilon 2000 monitoring software / Rs485 and USB port (option)
15. External battery (option)
16. SNMP/HTTP monitor capability (option)
17. Parallel redundancy N+X (option) 5-10kVA
18. maintenance bypass switch 5-10kAV
19. Automatic/Manual bypass
20. Economy mode (ECO), Emergency power off (EPO) option
21. Output Isolation Transformer (option)
22. Compatible with Generator

Specification:

Capacity PF=0.8:	For computer load	1050VA/840W
System:	Controller	Intelligent UPS with DSP controlled
	Technology	High Frequency Double Conversion Pure sine wave UPS, Power Factor Correction (PFC) with IGBT Technology
Input:	Voltage	220 Vac Single phase nominal voltage
	Voltage range	110-290Vac at half load, 160-290 Vac at full load
	Frequency	50/60 Hz $\pm 10\%$ (auto detect) at nominal voltage
	Power factor	>0.99 at full load, THDI $\leq 6\%$
Output:	Voltage	220Vac $\pm 1\%$ (200, 208, 230, 240 selecting on LCD panel and software)
	Phase	Single phase
	Frequency	Normally locked to line frequency, Free running 50Hz $\pm 0.1\%$ (60 Hz selecting on LCD panel and software)
	Wave form	Pure sine wave
	Harmonic distortion THDV	$<2\%$ at full load (linear load), $<5\%$ at full load variation
	Transient capability	$\pm 5\%$ for 100% instantaneous load (non linear load)
	Overload capability	120% for 60sec, 150% for 30 sec, $>150\%$ for 300ms. Then automatic switch to bypass
	Crest factor	3 : 1
Efficiency:	DC to AC	Approximate $\geq 85\%$
	AC to AC	$\geq 87\%$ at full linear load
Battery:	Type	Sealed Lead Acid (Maintenance-free) Rechargeable (High rate 2 UL 94-VO option)
	Capacity	3x12V 7.5Ah
	Voltage	36Vdc
	Standard backup time	5min 840w
	Extend backup time	10-120 min
	Recharge time	3 hour to 90% after load discharged
	Charge Current (A)	1.54 (3.5-7A option)
Battery temperature compensation for recharge	Option	
Transfer time:	Main to battery mode Battery mode to main	Zero transfer time (0 ms.)
Indicator:	front panel LED	Line, Inverter, Bypass and Battery
	front panel LCD	Operate UPS status, Input voltage, Output voltage, Frequency, Bypass, Battery voltage, % Battery % Load, VA, Watt, Temperature, Fan and Fault code

Protection:	EMI/RFI attenuation	>40 dB.
	Surge protection	UL recognized surge protection to std.1449
	surge energy dissipation	220 Joules 300 Vac (510 Joules option)(2microsec wave form)
Audible alarm:	Multiple tones with reset for silence	Mains Failure, Low battery.Overload and UPS fault
Inlet:	Tower UPS	Power cord 1.5 meter NEMA 5-15P fixed cabinet
	Rackmount UPS	Power cord 1.5 meter NEMA 5-15P - IEC 320
Outlet:	Tower UPS	3xUniversal
	Rackmount UPS	3xUniversal
Communication interface:	DB-9 connector	RS-232 serial port can be connected to PC. Workstation or servers for automatic unattended shutdown/ Rs-485 and USB port (option)
	software	UPS lion2000 supported for windows 95, 98, NT, 2000, Me, XP, Novell Netware, Linux, FreeBSD (IBM, Sun, Solaris option)
	SNMP/HTTP capability	option
Acoustifc noise:	At 1 meter	< 45 dBA.
Environment:	Temperature	0-50°C
	Humidity	0-95 % (Non-Condensing)
Dimensions (WxDxH mm):	Tower UPS	145x350x236
	Rackmount UPS	483x450x2U
	Battery unit extension (option)	Separate (UPS and Battery extension rack)
Weight (approximate in Kg.):	Tower UPS	13
	Rackmount UPS	18
	Battery unit extension (option)	Depending on battery capacity
Conformance:	Design regulation	TIS.1291-3545, CE, EN 500091-2,