

OL-T 1.000VA-2.000VA-3.000VA

Betrouwbare noodstroomoplossingen voor elke situatie



The UPS Factory

The UPS Factory is gespecialiseerd in hoogwaardige noodstroomoplossingen en leveren betrouwbare UPS-systemen die continuïteit en veiligheid garanderen voor professionele toepassingen.

Online Tower OL-T

- ✓ OnLine Dubbel Conversie voor gefilterde en stabiele stroomkwaliteit en noodstroom
- ✓ Ingebouwde voltage-, temperatuur-, overbelasting- en ventilator fout bescherming
- ✓ Geoptimaliseerde laad methode voor langere levensduur van de batterijen
- ✓ Meest praktische en compacte oplossing met een powerfactor 1
- ✓ Supersnelle lader (3 uur naar 90%)
- ✓ WLAN Module voor IOT connection met APP tbv monitoring
- ✓ Potentiaal vrije alarmcontact tbv gebouwbeheersysteem
- ✓ SNMP WEB over IP & USB HID-interface voor monitoring en automatische shutdown (Windows, Mac, Linux compatibel)

Typische Toepassingen

-  Serverstations, IT & OT
-  Netwerk- en telecomapparatuur
-  CCTV, Alarm Systemen, Roldeur- en luiken, brandschermen, enzovoort



Voorzijde



Achterzijde
1000VA



Achterzijde
2000VA



Achterzijde
3000VA

 **THE UPS FACTORY**
Noodstroom Systemen

OL-T 1.000VA-2.000VA–3.000VA

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Model name		OL-T-1000VA Tower	OL-T-2000VA Tower	OL-T-3000VA Tower
Power rating	VA/Watt	1000VA/1000W	2000VA/2000W	3000VA/3000W
Efficiency	Double coversion mode	91%	93.5% Max	94% Max
	ECO mode	97%	97.5% Max	98% Max
Input performance	Voltage range	160-300V 100% load, 110-160V derating to 50% load linearly	160-300V 100% load, 110-160V derating to 50% load linearly	160-300V 100% load, 110-160V derating to 50% load linearly
	Rated frequency	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz
	Frequency range	40Hz-70Hz(45Hz-55Hz 54Hz-66Hz @ load>60%)	40Hz-70Hz (45Hz-55Hz 54Hz-66Hz @ load>60%)	40Hz-70Hz (45Hz-55Hz 54Hz-66Hz @ load>60%)
	PF	>0.99	>0.99	>0.99
	THDI	<5%	<5%	<5%
Input connection		IEC C14	IEC C20	IEC C20
Output performance	Rated voltage	200/208/220/230/240 VAC(derating 10% at 208V, derating 20% at 200V)	200/208/220/230/240 VAC(derating 10% at 208V, derating 20% at 200V)	200/208/220/230/240 VAC(derating 10% at 208V, derating 20% at 200V)
	Rated frequency	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz
	Maximum PF	1	1	1
	Voltage accuracy	±1%	±1%	±1%
	THDv	<1% linear load <5% non linear load	<1% linear load <5% non linear load	<1% linear load <5% non linear load
	Transfer time	0ms(4ms @ line <-> bypass;10ms @ ECO <-> Inverter)	0ms(4ms @ line <-> bypass; 10ms @ ECO<-> Inverter)	0ms(4ms @ line <-> bypass; 10ms @ ECO<-> Inverter)
	Crest Ratio	max 3:1	max 3:1	max 3:1
	Overload	100%<load≤105% continu- ous. 105%< load ≤125% for 3 minutes 125<load≤150% for 30 seconds. >150% for 500ms.	100%<load≤105% continuous. 105%< load ≤125% for 3 minutes 125<load≤150% for 30 seconds. >150% for 500ms.	100%<load≤105% continuous. 105%< load ≤125% for 3 minutes 125<load≤150% for 30 seconds. >150% for 500ms.
Output connection	Wiring/socket	4 x IEC C13	8 x IEC C13	8 x IEC C13 + hardwire terminal
Battery	Voltage	36V/24VDC	72V	72V
	Capacity(AH)	3 x 12V/7Ah	6 x 12V/7Ah	6 x 12V/9Ah
	by default battery capacity, PF=1	"3.5min 100% load 12.2min 50% load"	"3.3min 100% load 12.9min 50% load"	"3.5min 100% load 10.3min 50% load"
Maximum connect external battery module quantity		4	4	4
Charger	Charging current	1.5A	1.5A	1.5A
	Recharging time	3h to 90%	3h to 90%	3h to 90%
Other working mode	CVCF	Yes (derating to 60% load)	Yes (derating to 60% load)	Yes (derating to 60% load)
	Parallel	no	no	no

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Model name		OL-T-1000VA Tower	OL-T-2000VA Tower	OL-T-3000VA Tower
HMI(human-machine interface)	Display	Dot matrix LCD, (optional segment LCD)	Dot matrix LCD, (optional segment LCD)	Dot matrix LCD, (optional segment LCD)
	Language	10 Languages	10 Languages	10 Languages
	USB	USB 2.0 with HID	USB 2.0 with HID	USB 2.0 with HID
	RS232	Yes(DB9)	Yes(DB9)	Yes(DB9)
	Dry in/out	1 programble dry in; 1 programble dry out	1 programble dry in; 1 programble dry out	1 programble dry in; 1 programble dry out
	EPO	yes	yes	yes
	Intelligent slot	yes(for long card)	yes(for long card)	yes(for long card)
	Network card	Optional, NMC long card	Optional, NMC long card	Optional, NMC long card
	Modbus card	Optional,CMC/Modbus Long Card	Optional,CMC/Modbus Long Card	Optional,CMC/Modbus Long Card
	Dry contactor card	Optional,AS400 Long Card	Optional,AS400 Long Card	Optional,AS400 Long Card
	WLAN module	Optional,HDMI type	Optional,HDMI type	Optional,HDMI type
	Ethernet port for IOT	RJ45	RJ45	RJ45
	Monitor software	Winpower	Winpower	Winpower
Physical performance	Dimension(W*D*H)M M	145*397*220	195*421*318	195*421*318
	IP protection level	IP20	IP20	IP20
Environment	Operating temperature	0-45°C(power derating to 80% @40-45°C)	0-45°C(power derating to 80% @40-45°C)	0-45°C(power derating to 80% @40-45°C)
	Relative Humidity	0-95%	0-95%	0-95%
	Operating Altitude	0-3000m(the load derating 1 % every up 100m @1000-3000m)	0-3000m(the load derating 1 % every up 100m @1000-3000m)	0-3000m(the load derating 1 % every up 100m @1000-3000m)
	Acoustic Noise	<45dB @ typical load with battery fully charged	<50dB @ typical load with battery fully charged	<50dB @ typical load with battery fully charged
Certification		CE,IEC/EN 62040	CE,IEC/EN 62040	CE,IEC/EN 62040
EMI	Conduction/Radiation	C2	C2	C2
EMS	ESD	IEC/EN 61000-4-2	IEC/EN 61000-4-2	IEC/EN 61000-4-2
	RS	IEC/EN 61000-4-3	IEC/EN 61000-4-3	IEC/EN 61000-4-3
	EFT	IEC/EN 61000-4-4	IEC/EN 61000-4-4	IEC/EN 61000-4-4
	Surge	IEC/EN 61000-4-5	IEC/EN 61000-4-5	IEC/EN 61000-4-5
Accessory	Maintenance bypass switch	NA	NA	NA
	Input power cable	yes	yes	yes
	Output power cable	yes,1*10A	yes,1*10A	yes,1*10A
	EBM cable	yes(in EBM)	yes(in EBM)	yes(in EBM)
	USB cable	yes	yes	yes
	RS232 cable	Optional	Optional	Optional
	Manual	Yes	Yes	Yes