

Uninterruptible Power Supply Systems

DEFENDER

Unlike any other UPS



ZENITH Elite 1kVA-10kVA On-Line UPS

The Whole New Compact and High Performance Design On Line UPS

Zenith series UPS is designed for the best cost effective with high performance. With the appropriate quantity of batteries, Zenith offers competitive cost but with reliable performance to meet the majority of on line UPS market demand.

Best Cost-Performance with Major Specification Design

Zenith possesses many essential features of general on line UPS without expensive but redundant features. Features include zero transfer time, high input power factor, well voltage regulation and high efficiency are included in Zenith series UPS.

Optional LCD display

Zenith provides flexible choices about the information display. Except the standard UPS status LED indicators, Zenith also provide optional LCD display for wider choices.

Extended Backup Time

Long backup time models are allowed to connect external batteries to get prolonged backup time. Zenith adopts the 4A super charger board, and the battery recharging time is now able to be shortened and keep in ready status for the next power shortage.

Power Management Software

The WinPower power management software can provide the real time monitoring and control via the LAN. The system administrator can manage connected UPS and PC by just one PC easily.

Powering Your Connection

ZENITH 220V/230V/240V ON-LINE UPS SPECIFICATION

MODEL		Zenith 1K	Zenith 1KS*	Zenith-E 2K	Zenith-E 2KS*	Zenith-E 3K	Zenith-E 3KS*	Zenith-E 6K	Zenith-E 6KS*	Zenith-E 10K	Zenith-E 10KS*			
CAPACITY	VA/W	1000VA/700W		2000VA/1400W		3000VA/2100W		6000VA/4200W		10000VA/7000W				
INPUT	Voltage Range	176-276VAC @ full load (110-276VAC @ half load)												
	Frequency Range	46 - 54Hz / 56 - 64Hz												
	Phase	Single phase with ground												
	Current THDI	<12%					<10%							
	Power Factor	≥ 0.98												
	Generator Input	Support												
OUTPUT	Voltage	208/220/230/240VAC												
	Voltage Regulation	± 2%												
	Frequency (Synchronized Range)	46 - 54Hz / 56 - 64Hz												
	Frequency (Battery Mode)	50/60Hz ± 0.1 Hz												
	Current Crest Ratio	3:1												
	Harmonic Distortion	≤ 4% THD (Linear Load)												
		≤ 7% THD (Non-Linear Load)												
	Output Waveform	Pure Sinewave												
	Outlet	IEC x2		IEC x3		IEC x4		Terminal Block						
	Overload Capacity	Line Mode	60s @ 100%-130% ; 1s @ > 130%											
Battery Mode		10s @ 100%-130% ; 1s @ > 130%												
EFFICIENCY	AC Mode	86%						88%						
	Battery Mode	80%		83%				85%						
BATTERY	Number of Batteries Per Set	2	Depending on the capacity of external batteries	4	Depending on the capacity of external batteries	6	Depending on the capacity of external batteries	12	20	16	20			
	Battery Type	12V/7.2Ah		12V/7.2Ah		12V/7.2Ah		12V/7.2Ah	12V/9.0Ah	Depending on the capacity of external batteries	12V/9.0Ah	Depending on the capacity of external batteries		
	Backup Time (Half Load)	>9 min		>9 min		>9 min		>9 min	> 11 min	Depending on the capacity of external batteries	> 11 min	Depending on the capacity of external batteries		
	Recharge Time (to 90%)	5 Hours		5 Hours		5 Hours		5 Hours	5 Hours	5 Hours	5 Hours	5 Hours		
	Charging Current (Max.)	1.0A		4.0A		1.0A		4.0A	1.0A	4.0A	1.0A	4.0A	1.0A	4.0A
	Rated Battery Voltage	24Vdc		48Vdc		72Vdc		144Vdc	240Vdc	192Vdc	240Vdc			
TRANSFER TIME	AC to DC	Zero												
	Inverter to Bypass	5ms (Typical)												
INDICATOR	LED Version	Load Level / Battery Level / Battery Mode / AC Mode / Bypass Mode / Fault												
	LCD Version	Load / Battery / Input / Output / Operating Mode Information												
AUDIBLE ALARM	Battery Mode	Sounding every 4 seconds												
	Low Battery	Sounding every second												
	Overload	Sounding twice every second												
	Fault	Continuously Sounding												
DIMENSION	Tower Case (DxWxH)mm	345x144x220		369x190x318		369x190x318		509x200x735	509x200x376	509x200x735	509x200x376			
WEIGHT	Tower Case (kgs)	9.8	5.2	20	10.8	24.6	10.8	61	30	70	30			
ENVIRONMENT	Operating Environment	0-40° C												
	Relative Humidity	20-90% (NON-CONDENSING)												
	Noise Level	<45dB @ 1 Meter					<55dB @ 1 Meter							
INTERFACE	Smart RS-232 / USB (Option)	Software supports Windows Family, Linux, Sun Solaris, IBM Aix, Compaq True64, SGI IRIX, FreeBSD, HP-UX, and MAC												
	External Slot (Option)	External Type of SNMP / AS400 Relay Card / RS485												

* S Series represent extended backup models

* Product specifications are subject to change without further notice



Manufactured by G-TEC Europe S.R.L. of Italy exclusively for **DEFENDER** Vence (Pte) Ltd. under private label
Unlike any other UPS

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