

Titan Elite Series



▲ 6KVA/10KVA

▲ 6KVA/10KVA

▲ 2KVA/3KVA

▲ 1KVA

Extended Backup
Model

Titan Elite Series True Online Double Conversion Design

The whole new compact and high performance design of UPS

Titan Elite series UPS is designed for the best cost effective with high performance. With the appropriate quantity of batteries, Titan Elite offers competitive cost but with reliable performance to meet the majority of true online double conversion UPS market demand.

Best Cost-Performance with Major Specification Design

Titan Elite possesses many essential features of general online UPS without expensive but redundant features. Features include zero transfer time, high input power factor, well voltage regulation high efficiency and Smart Battery Management System are included in Titan Elite series UPS.

Microprocessor Control

By means of innovative software and control programs, the complicated hardware circuitry is inlaid in the powerful microprocessor, apart from reduced size, it also lowers the defective rate of UPS.

LCD display

Titan Elite series provides flexible choices about the information display. LCD display UPS status as a standard and LED display indicators for simpler choices as an option.

Extended Backup Time

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

Auto Self-Testing & Auto Restart System

When turning on the UPS, it immediately performs an inspection of the component such as inverter, battery and load. The system will also detect any problems in time to avoid causing any damage to the system. When UPS shutdown from low battery voltage, it immediately start up while the Utility is coming back to normal stage.

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.

MODEL		TE1000	TE1000S*	TE2000	TE2000S*	TE3000	TE3000S*	TE6000	TE6000S*	TE10000	TE10000S*	
CAPACITY	VA/W	1000VA/700W		2000VA/1400W		3000VA/2100W		6000VA/4200W		10000VA/7000W		
INPUT	Voltage Range	220 VAC +/- 25%										
	Frequency Range	50 Hz +/- 10% (Auto sensing)										
	Phase	Single phase with ground										
	Current THDI	<12%					<10%					
	Power Factor	≥0.98										
	Generator Input	Support										
OUTPUT	Voltage	220 VAC										
	Voltage Regulation	± 1%										
	Frequency (Synchronized Range)	50 Hz ± 10%										
	Frequency (Battery Mode)	50 Hz ± 0.1%										
	Current Crest Ratio	3:1										
	Harmonic Distortion	<3% THD (Linear Load)										
	Protection	Short Circuit Protection with current limit capability										
	Output Waveform	Pure Sinewave										
	Outlet	NEMA						Terminal Block				
	Overload Capacity	Line Mode	60s @ 100%~130% ; 1s @ > 130%									
		Battery Mode	10s @ 100%~130% ; 1s @ >130%									
	Redundancy (Option)	Hot Standby WITH STS technology (2 units MAX)										
EFFICIENCY	ECO mode	>93%		>94%		>95%		N/A				
	AC to AC normal mode	86%						88%				
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 Capacity (Ahr)	12V/7Ahr		12V/7Ahr		12V/7Ahr		12V/7Ahr	12V/9Ahr	Depending on the capacity of external batteries	12V/9Ahr	Depending on the capacity of external batteries
	Backup Time (depend on load)	>15 min		>15 min		>15 min		>15 min	>15 min	>15 min	>15 min	>15 min
	Recharge Time (to 90%)	5 Hours	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	
	Battery Type	Sealed Lead Acid Maintenance Free										
TRANSFER TIME	Normal Mode	Zero										
INDICATOR	LED Version	Load Level / Battery Level / Battery Mode / AC Mode / Bypass Mode / Fault										
	LCD Version	Load Level/Battery Level/Ac Mode/Battery Mode/Bypass Mode/Test Mode/Fault Alarm Code/Input (Volt/Freq.)/Output(Volt/Freq.)/Battery Voltage/Etc.										
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	0-90% (NON-CONDENSING)										
	Noise Level	<45dB @ 1 Meter					<55dB @ 1 Meter					
INTERFACE	USB / Smart RS-232 (Option)	Software supports Windows Family, Linux, Sun Solaris, IBM AIX, Compaq True64, SGI IRIX, FreeBSD, HP-UX and MAC										
	SNMP Adaptor (Option)	External / Internal Type of SNMP Adaptor										
INTERNATIONAL STANDARDS	CE	Low Voltage Directive (Safety): EN62040-1-1 EMC Directive: EN62040-2, EN61000-2-2, EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-8										

*Specification are subject to change without prior notice.

CONTACT INFORMATION



The Sun Power Co.,Ltd.

31 Soi Prachautit 59, Yeak 5, Bangmod, Thungkru, Bangkok 10140 THAILAND. Email: SaleContact@thesunpower.co.th
Tel. 02-872-9501/4 Fax. 02-872-9505
WWW.THESUNPOWER.CO.TH