

HT-V Series 10-80 kVA

3/3 Online UPS



HT-V Series



HT-V series online UPS is designed by having 3 phase input/3 phase output, adjustable battery numbers, small footprint, and integrated with dual inputs.

HT-V interruptible power supplies are an elegant system having DSP technology, active power factor correction, double conversion to guarantee better output voltage, power performance, and power quality in all times. Besides, all required parameters will be observed and reached via LCD panel and so all procedures will be substantiated easily and quickly.

HT-V serisi online UPS 3 faz giriş-3 faz çıkış, ayarlanabilir akü adedi ve çift şebeke girişine sahip tasarımı ile göze çarpmaktadır.

HT-V serisi kesintisiz güç kaynağı DSP teknolojisi, aktif güç düzeltme faktörü, çift dönüştürme, vb. özelliklerine sahip her zaman daha iyi çıkış gerilimi, güç performansı ve güç kalitesi garantileyen mükemmel bir sistemdir.

Bunun dışında bütün istenilen parametreler LCD ekran sayesinde gözlenmiş olacak ve böylece tüm işlemler kolay ve hızlı bir şekilde gerçekleşecek.

Technical Specifications		HT-V Series					
Rated Power / Output Active Power	10 kVA 9 kW	15 kVA 13.5 kW	20 kVA 18 kW	30 kVA 27 kW	40 kVA 36 kW	60 kVA 54 kW	80 kVA 72 kW
GENERAL							
UPS Type / Technology	Standalone Tower Type / True Online Double Conversion Technology						
Output Power Factor	0.9						
Display Parameteres via LCD	Input Phase to Neutral Voltage, Input Phase to Phase Voltage, Input Frequency, Output Phase to Neutral Voltage, Output Phase to Phase Voltage, Output Phase Current, Output Frequency, Battery Status, Load Status, Alarm Code, and Fault Codes						
Smart Features / Smart Eco Mode	Cold start, AC Restart, Auto Restart / Standard: User Selectable						
True Redundancy / [N+1]	N+1 & N+X Paralleling Option / Up To 3 Units						
Protections	Output Short Circuit Protection, Over Load Protection, Main Input Fuse Protection, Battery Input Fuse Protection, Bypass Protected by Input Breaker, Over Temperature Protection, and Other Inside Protection						
Troubleshooting	Battery Open, IP Neutral Loss, IP Phase Abnormal, Over Charge, Battery Low, Overload, Fan Failure, EPO Enable, Over Temp., Charger Fail, Bypass Unstable, Charger Short, Battery Voltage Unbalanced, Battery High, Etc...						
EFFICIENCY							
Overall Efficiency	93%				95%		
Smart Eco Mode Efficiency	98%						
INPUT							
Rated Voltage	360 / 380 / 400 / 415 VAC 3Ph+N+GND						
Voltage Range	304-478 VAC (3Ph)						
Rated Frequency	50 / 60 Hz						
Frequency Range (Selectable)	46~54 Hz / 56~64Hz						
Power Factor	≥ 0.99 @ 100% Load						
THDi	<5% (Full Load)				<3% (Full Load)		
OUTPUT							
Rated Voltage / Voltage Accuracy	360 / 380 / 400 / 415 VAC 3Ph+N+GND						
Rated Frequency / Freq. Accuracy	46~54Hz / 56~64Hz (Synchronized) / 50 Hz ± 0.1 Hz / 60 Hz ± 0.1 Hz (Battery)						
THDv	≤ 2 % (Lineer Load); ≤ 5 % (Non-Lineer Load)						
Crest Factor	3:1 (Maximum)						
Overload Capability	100%~110%: 10dk; 110%~130%: 1dk; >130% : 1sn (AC mode) 100%~110%: 30sn; 110%~130%: 10sn; >130% : 1sn (Battery mode)						
BATTERY							
Rated Voltage (DC) / Quantity	240VDC / 20 Number				±192VDC / 32-36-38-40 Number		
Charge Current	1-4A				4A	8A	
COMMUNICATION							
Advanced Communication	RS232, USB 1.1, EPO / RS485 / Dry Contact / SNMP & Web Browser (Optional)						
Remote ON/OFF	Remote EPO or SNMP over LAN						
ENVIRONMENT							
Operating Temperature	0°C to 40°C						
Recommended Operating Temperature	15°C to 25°C						
Storage Temperature	-25°C to 70°C						
Altitude / Relative Humidity	< 1000 m / <95% Non-Condensing						
Audible Noise	< 58dBA	< 60dBA		< 70dBA			
STANDARDS							
Safety / EMC / LVD / Performance	IEC/EN 62040-2, IEC/EN 61000-4-3, IEC/EN 61000-4-4, IEC/EN 61000-4-5, IEC/EN 61000-4-6, IEC/EN 61000-4-8, IEC/EN 61000-2-2, IEC/EN 62040-1, TSE, CE						
DIMENSIONS & WEIGHT							
Dimensions (WxDxH) [mm]	250x815x826	250x815x826		300x815x1000	300x815x1000	790x360x1010	
Net Weight [kg]	109	164		233.5	257	108	113
Gross Weight [kg]	127	182		250.5	276	126	131