

HT-D Series 100-600 kVA

3/3 Online UPS



HIGH EFFICIENCY



CLEAN ENERGY



ECO-FRIENDLY TECHNOLOGY



ALL DEVICES COMPATIBLE



HT-D series UPS provides the best protection available in the industry with its state of art of electronics design.

HT-D mostly operates in medical, finance, telecom, industry, energy and structural areas. In its design true online double conversion supplies the load with pure AC power and totally isolates load from the input disturbances (VFI) and it has been become possible to avoid from sudden voltage rise.

Internal isolation IGBT rectifier & inverter provides high efficiency, lower also reduces the total weight and dimensions through the components used in the design. Total cost of ownership and service time for the device has been reduced. Reduced return of investment period is another reason for choosing HT-D series.

HT-D Serisi, tasarım harikası elektronik donanımı ile endüstri için uygun olan en iyi korumayı sağlar. Medikal, Finans, Telekom, Bankacılık, Endüstri, Enerji ve İnşaat sektörlerinin tamamında kusursuz güç koruması sağlar. Doğru online çift çevrim teknolojisi ile yükü, saf AC güç ile besler ve yükü giriş bozunumlarından tamamen izole eder, böylece ani voltaj yükselmelerine karşı koruma sağlamış olur.

Dahili izolasyonlu IGBT doğrultucu ve invertör, yüksek verim sağlar, ayrıca dizaynında kullanılan bileşenlerin toplam ağırlık ve boyutlarının azalmasını sağlar. Kullanım masrafları ve cihaz için servis süresi azaltılmıştır. Kısa sürede yatırımı geri kazanım ise HT-D'yi seçmenin bir diğer nedenidir.

Technical Specifications	HT-D Series									
	100 kVA 90 kW	120 kVA 108 kW	160 kVA 144 kW	200 kVA 180 kW	250 kVA 225 kW	300 kVA 270 kW	400 kVA 360 kW	500 kVA 450 kW	600 kVA 540 kW	
Rated Power										
INPUT										
Rated Voltage	380 / 400 / 415 Three-Phase									
Voltage Tolerance	400 ±20% @ Full Load									
Frequency	45 - 65									
Power Factor	>0.99									
Harmonic Current Distortion (THDi)	<3%									
Soft Start	0 - 100% in 120 sec. (selectable)									
Frequency Tolerance	±2% (Selectable From ±1% to ±5% From Front Panel)									
Standard Equipment Provided	Back Feed Protection; Separable Bypass Line									
BYPASS										
Rated Voltage [V]	380 / 400 / 415 Three-Phase + N									
Rated Frequency [Hz]	50 or 60 (selectable)									
OUTPUT										
Number of Phases	3 + N									
Rated Voltage [V]	380 / 400 / 415 Three-Phase + N (selectable)									
Static Stability	±1%									
Dynamic Stability	±5% in 10 msec.									
Voltage Distortion	<1% With Linear Load / <3% With Non-Linear Load									
Crest Factor [I _{peak} /I _{rms}]	3:1									
Frequency Stability on Battery	0.05%									
Frequency [Hz]	50 or 60 (selectable)									
Overload	110% for 60 min.; 125% for 10 min.; 150% for 1 min.									
BATTERIES										
Type	VRLA AGM / GEL; NiCd; Supercaps; Li-ion; Flywheels									
Ripple Current	Zero									
Recharge Voltage Compensation	-0.11% x V x °C									
OVERALL SPECIFICATIONS										
Weight [kg]	700	750	835	970	1060	1500	1720	2440	2831	
Dimensions (WxDxH) [mm]	800x850x1900		1000x850x1900			1500x1000x1900		2100x1000x1900		
Remote Signals	Dry Contacts (configurable)									
Remote Controls	ESD and Bypass (configurable)									
Communications	Double RS232 + Dry Contacts + 2 Slots for Communications Interface									
Ambient Temp. for the UPS	0 °C - +40 °C									
Recommended Temp. for Batt. Life	+20 °C - +25 °C									
Range of Relative Humidity	5-95% Non-Condensing									
Colour	Dark Grey RAL 7016									
Noise Level at 1m [dBA]	63 - 68					70 - 72				
IP Rating	IP20 (others on request)									
Double Conversion Efficiency	Up to 94.5%									
Standards	European directives: L V 2014/35/EU low voltage Directive EMC 2014/30/EU electromagnetic compatibility Directive Standards: Safety IEC EN 62040-1; EMC IEC EN 62040-2; RoHS compliant Classification in accordance with IEC 62040-3 (Voltage frequency Indioendent) VFI - SS - 111									
Class in accordance with IEC 62040-3	(Voltage Frequency Independent) VFI - SS - 111									
Altitude	6000 Max Altitude									
Moving the UPS	Pallet Jack									

For wider tolerance conditions apply.