

HT-D Series 40-200 kVA

3/3 Online UPS



HIGH
EFFICIENCY



CLEAN
ENERGY



ECO-FRIENDLY
TECHNOLOGY



IP23



HT-D Series



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						
Rated Power / Output Active Power	40 kVA 36 kW	60 kVA 54 kW	80 kVA 72 kW	100 kVA 90 kW	120 kVA 108 kW	160 kVA 144 kW	200 kVA 180 kW
INPUT							
Nominal Voltage	380 - 400 - 415 Vac Three-Phase						
Voltage Tolerance	400 V + 20% / - 25%						
Frequency	45 - 65 Hz						
Soft Start	0 - 100% in 120’’ (Selectable)						
Permitted Frequency Tolerance	± 2% (Selectable From ± 1% to ± 5% From Front Panel)						
Standard Equipment Provided	Back Feed Protection; Separable Bypass Line						
BYPASS							
Nominal Voltage	380 - 400 - 415 VAC Three-Phase + N						
Nominal Frequency	50 or 60 Hz (Selectable)						
OUTPUT							
Nominal Power	40 kVA	60 kVA	80 kVA	100 kVA	120 kVA	160 kVA	200 kVA
Active Power	36 kW	54 kW	72 kW	90 kW	108 kW	144 kW	180 kW
Number Of Phases	3 + N						
Nominal Voltage	380 - 400 - 415 Vac Three-Phase + N (Selectable)						
Static Stability	± 1%						
Dynamic Stability	± 5% in 10 ms						
Voltage Distortion	< 1% With Linear Load / < 3% With Non-Linear Load						
Crest Factor	3:1 Ipeak / Irms						
Frequency Stability on Battery	0.05%						
Frequency	50 or 60 Hz (Selectable)						
Overload	110% for 60 Minutes; 125% for 10 Minutes; 150% for 1 Minute						
BATTERIES							
Type	VRLA AGM / GEL; NiCd; Supercaps; Li-ion; Flywheels						
Residual Ripple Voltage	< 1%						
Temperature Compensation	-0.5 V/°C						
Typical Charge Current	0.2 x C10						
INFO FOR INSTALLATION							
Weight Without Batteries [kg]	335	460	540	600	610	690	790
Dimensions (WxDxH) [mm]	800x740x1400			800x800x1900			
Remote Signals	Dry Contacts						
Remote Controls	ESD and Bypass						
Communications	Double RS232 + Dry Contacts + 2 Slots For Communications Interface						
Operating Temperature	0 °C / +40 °C						
Relative Humidity	<95% Non-Condensing						
Colour	Dark Grey RAL 7016						
Noise Level at 1 m (ECO Mode)							
IP Rating	IP20						
Smart Active Efficiency	Up To 98%						
Standards	Directives LV 2014/35/EU - 2014/30/EU; Safety IEC EN 62040-1; EMC IEC EN 62040-2; Performance IEC EN 62040-3						
Classification In Accordance with IEC 62040-3	(Voltage Frequency Independent) VFI - SS - 111						
Moving the UPS	Pallet Jack						