

3DT Series 10-20 kVA

3/1 Online UPS



YÜKSEK VERİM



TEMİZ ENERJİ



DOĞA DOSTU
TEKNOLOJİ



TÜM CİHAZLARA
UYUMLU



3DT Series Online Double Conversion UPS has been designed in order to supplying mid-range office applications and some high technology applications used in various sectors like automation, CT Scan Monitoring etc. Its unique feature is that its input is Three Phase and output is monophase.

3DT Series have also DSP controlled microprocessor and thanks to DSP, response time to input fluctuations and the features that 3DT has have been enhanced. In addition to that, 3DT series responses perfectly to unbalanced loads and frequency/voltage ripples by revealing its unique abilities.

3DT Serisi Online Çift Çevrim UPS orta-seviyeli ofis uygulamalarını ve otomasyon, CT Tarama Görüntülemesi vb. gibi çeşitli sektörlerde kullanılan yüksek teknoloji uygulamaları desteklemek için tasarlanmıştır. Benzersiz özelliği ise girişinin üç faz çıkışının ise tek faz olmasıdır.

Ayrıca 3DT Serisinde DSP (Dijital İşaret İşleme) kontrollü mikro işlemciler sayesinde, girişteki dalgalanmalara verilen yanıt süresi kısaltılmıştır. Buna ek olarak, 3DT serisi dengesiz yüklerle (Frekans, gerilim dalgalanması) karşı onu rakiplerinden ayıran özelliklerini kullanarak en iyi şekilde yanıt verir.

3DT Series

Technical Specifications	3DT Series		
Rated Power / Output Active Power	10 kVA / 9 kW	15 kVA / 13.5 kW	20 kVA / 18 kW
GENERAL			
UPS Type / Technology	Standalone Tower Type / True Online Double Conversion		
MTBF / MTTR	> 210 000 hrs / < 30 mins.		
Output Power Factor	0.9		
Display Parameters via LCD	Operation Status; Load & Batt. Capacity Levels in Bars for 25%; Output Voltage & Frequency; Apparent Power (kVA) & Active Power (kW) info for Output Load; Batt. Voltage (VDC) & Remainin % on Batt. Mode; Maximum Internal Temperature; Load %		
Smart Features / Smart Eco Mode	Cold Start; AC Restart; Auto Restart / Standard; User Selectable		
True Redundancy / [N+1]	N+1 & N+X Paralleling Options / Up To 6 Units		
Protections	High-Low Voltage Protection for Output-Input; High-Low Voltage Protection for BUS; Battery Test; Shortcircuit, Overload, Overcurrent Protection; etc. (MOV and GASTUBE)		
Troubleshooting	Manual Bypass Switch (optional); Self Diagnosis at Initializing; Overload, Battery Low, Battery Disconnected, 27 Different Warnings & Alarms; Indicators for Operation Status		
EFFICIENCY			
Overall Efficiency	≥93% @ 100% Rated Load		
Smart Eco Mode Efficiency	≥98% @ 100% Rated Load		
INPUT			
Rated Voltage	360 / 365 / 380 / 400 / 415 VAC		
Voltage Range	190 ~ 520 ± 5 VAC @ 50% Rated Load; 277 ~ 476 ± 5 VAC @ 100% Rated Load		
Rated Frequency	50 / 60 Hz		
Frequency Range	40 - 70 Hz ± 0.5Hz (Auto Sensing)		
Power Factor	≥ 0.95%		
OUTPUT			
Rated Voltage / Voltage Accuracy	208 / 220 / 230 / 240 VAC Setting Available Via LCD / ± 1%		
Rated Frequency / Freq. Accuracy	Synchronized With Utility on AC Mode / 50 - 60 ± 0.1 Hz on Battery Mode		
THDv	< 2% (Linear Load), < 5% (Non-Linear Load)		
Crest Factor	3:1		
Overload Capability	3 mins @ 105% ~ 125%; 30 sec. @ 125% ~ 150%; 100 msec. @ > 150%;		
BATTERY			
Rated Voltage / Quantity	192 ~ 240 VDC / 16 or 20 pcs (Selectable)		
COMMUNICATION			
Advanced Communication	EPO, RS232, USB / SNMP (Optional)		
Remote ON/OFF	Yes		
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	< 1000m / 20 ~ 90% (Non-Condensing)		
Audible Noise	≤58dBA (1M)	≤58dBA (1M)	≤60dBA (1M)
STANDARDS			
Safety / EMC / LVD / Performance	TSE / CE / EN62040-2:2006 / IEC 61004-2:2008; IEC 6100-4-3:2006+A1:2007+A2:2010; IEC 61000-4-4:2012; IEC 61000-4-5:2005; IEC 61000-4-6:2008; IEC 61000-4-8:2009; IEC 61000-4-11:2004 / EN62040-1:2008+A1:2013		
DIMENSIONS & WEIGHT			
Dimensions (WxDxH) [mm]	262x580x455 (L) 262x580x732 (S)	262x580x655 (L)	
Weight [kg]	25.5 (L) 74 (S)	38.5 (L)	

S: Standard | L: Long Back-Up