

3DT-V Series 10-20 kVA

3/1 Online UPS



With true double conversion design, 3DT-V series provides powerful and overall protection to your sensitive devices. These series have wider input voltage for difficult conditions or environment.

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

3DT-V serisi gerçek çift dönüşümlü tasarımı ile hassas cihazlar için güçlü ve tam bir koruma sağlar. Bu kesintisiz güç kaynağı sahip olduğu geniş giriş gerilim aralığı ile zor şartlara uyum sağlamaktadır.

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

3DT-V Series

Technical Specifications	3DT-V Series		
Rated Power / Output Active Power	10 kVA / 8 kW	15 kVA / 12 kW	20 kVA / 16 kW
GENERAL			
UPS Type / Technology	Standalone Tower Type / True Online Double Conversion		
MTBF / MTTR	> 210 000 hrs / < 30 mins.		
Output Power Factor	0.8		
Display Parameteres 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		
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, Different Warnings & Alarms; Indicators for Operation Status		
EFFICIENCY			
Overall Efficiency	≥91%		
Smart Eco Mode Efficiency	≥98% @ 100% Rated Load		
INPUT			
Rated Voltage	3x400 VAC (3Ph+N) Optional: 220 VAC 1Ph+N+GND		
Voltage Range	190 ~ 520 ± 5 VAC @ 50% Rated Load; 305 ~ 520 ± 5 VAC @ 100% Rated Load		
Rated Frequency	50 or 60 Hz		
Frequency Range	46~54 Hz or 56~64 Hz		
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	≤ 3% (Linear Load), ≤ 5% (Non-Linear Load)		
Crest Factor	3:1		
Overload Capability	5 mins @ 105% ~ 125%; 30 sec. @ 125% ~ 150; 250 msn. @ > 150%;		
BATTERY			
Rated Voltage / Quantity	192 VDC / 16 pcs	N/A	
COMMUNICATION			
Advanced Communication	RS232 and USB (Standard) / 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	≤60dBA (1M)		
STANDARDS			
Safety / EMC / LVD / Performance	TSE / CE; IEC / EN62040-2; IEC / EN 61000-4; IEC / EN 61000-2; IEC / EN 62040-1		
DIMENSIONS & WEIGHT			
Dimensions (WxDxH) [mm]	190x442x688		250x780x830
Weight [kg]	66	67	89