

DT-V Series 1-10 kVA

1/1 Online UPS



HIGH
EFFICIENCY



CLEAN
ENERGY



ECO-FRIENDLY
TECHNOLOGY



IP23



NECRON is releasing Tower type Online UPS with the best price/quality ever in market.

DT-V series provide better output power factor up to 0.9 with high performance and efficiency for critical applications.

DT-V series optimize reliability by having microprocessor controller.

For DT-V 1-3 kVA UPS charging current can be adjust as 1-3,5 A and for DT-V 6-10 kVA UPS charging current can be adjust as 1-2-4-6 A.

NECRON en iyi fiyat/kalite performansı ile UPS sektöründe yeni bir cihaz piyasaya sürmektedir.

DT-V serisi 0.9 çıkış güç faktörü ile kritik uygulamalar için yüksek performans ve verimlilik sağlar.

DT-V serisi sahip olduğu mikro işlemci ile yüksek güvenilirlik sunmaktadır.

DT-V 1-3 kVA UPS'lerde şarj akımı 1-3, 5A, DTV 6-10 kVA UPS'lerde 1-2-4-6 A olarak ayarlanabilir.

Technical Specifications		DT-V Series			
Rated Power / Output Active Power	1 kVA / 900 W	2 kVA / 1.8 kW	3 kVA / 2.7 kW	6 kVA / 5.4 kW	10 kVA / 9 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 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	Over Temperature, Overload Protections; Fan Testing; Battery Testing; AC Line & Neutral Reverse Connection, Output Short Circuit Protection (Network; Fax; Modem)				
Troubleshooting	Manual Bypass Switch (Optional); Self Diagnosis at Initializing; Overload, Battery Low, Battery Disconnected, Different Warnings & Alarms; Indicators for Operation Status				
EFFICIENCY					
Overall Efficiency	88%	89%	90%	92%	93%
Smart Eco Mode Efficiency	≥98% @ 100% Rated Load				
INPUT					
Rated Voltage	200/208/220/230/240VAC + PE			208/220/230/240VAC + PE	
Voltage Range	120~300 VAC @ 50% Rated Load; 180~280 VAC @ 100% Rated Load;			110~300 VAC @ 50% Rated Load; 176~300 VAC @ 100% Rated Load;	
Rated Frequency	50 or 60 Hz				
Frequency Range	40~70 Hz			46~54 Hz or 56~64 Hz	
Power Factor	≥ 0.99				
THDi	≤ 5% @ 205-245VAC or 100~130VAC			< 4% @ 100% Load; <6% @50% Load	
OUTPUT					
Rated Voltage / Voltage Accuracy	200/208/220/230/240 VAC + PE 2 Wires For 1 Phases / ≤1%			208/220/230/240 VAC	
Rated Frequency / Freq. Accuracy	50 ~ 60 ± 0.1 Hz / 46 ~ 54 Hz or 56 ~ 64 Hz (AC synchronized)				
THDv	≤ 3 % THD (Linear Load); ≤ 5 % THD (Non-linear Load)				
Crest Factor	3:1				
Overload Capability	100% ~ 110%: 3.5min; 110% ~ 130%: 1min; >130% : 1sec			100% ~ 110%: 10min; 110% ~ 130%: 1min; >130% : 1sec	
BATTERY					
Rated Voltage (DC) / Quantity	24VDC/2x12VDC	48VDC/4x12VDC	72VDC/6x12VDC	192VDC/16x12VDC	
COMMUNICATION					
Advanced Communication	RS232, USB / Dry Contacts, SNMP, TCP-IP, EPO (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	< 1500m (Without Derating); Derating > 1500m - 0.8% per 100m / <95%, Non-Condensing				
Audible Noise	<50dBA			< 55dBA	< 58dBA
STANDARDS					
Safety / EMC / LVD / Performance	TSE / IEC62040-1 / IEC62040-2 / IEC61000-2 / IEC61000-4 / CE				
DIMENSIONS & WEIGHT					
Dimensions (WxDxH) [mm]	145x282x220	145x397x220	190x421x318	190x369x688	190x442x668
Weight [kg]	9,8	17	27,6	61	66