

DT Series 1-2-3 kVA

1/1 Online UPS



HIGH EFFICIENCY



CLEAN ENERGY



ECO-FRIENDLY TECHNOLOGY



ALL DEVICES COMPATIBLE



DT Series Online Double Conversion UPS has DSP microprocessor unit and thanks to DSP it handles most critical duties for home, office, laboratory appliances and provides enhanced power protection.

It has standardized many of the optional features offered by its competitors. In addition to being 10% stronger than its competitors with 1 output power factor, its efficiency is 5% higher. In addition, it has the infrastructure to support long back-up times when necessary with its standard charging capability up to 12 amps. Necron has set the flag at the top, as always, with the DT series, which represents the latest technology.

DT Serisi Online Çift Çevrim UPS, DSP mikroişlemci ünitesi sayesinde ev, ofis, laboratuvar için en önemli kritik görevlerin üstesinden gelir ve gelişmiş güç koruması sağlar.

Rakiplerinin opsiyonel olarak sunduğu birçok özelliği standart haline getirmiştir. 1 çıkış güç faktörü ile rakiplerinden %10 daha güçlü olmasına ilave olarak verimi %5 daha fazladır. Ayrıca 12ampere kadar standart şarj kabiliyeti ile gerektiğinde uzun yedekleme sürelerini destekleyecek altyapıya sahiptir. Necron yine, son teknolojiyi temsil eden DT serisi ile bayrağı her zaman olduğu gibi zirveye dikmiştir.

Technical Specifications	DT1K	DT2K	DT3K
Rated Power / Output Active Power	1 kVA / 1kW	2 kVA / 2kW	3 kVA/ 3kW
INPUT			
Input Formats	L+N+PE		
Rated Input Voltage	208/220/230/240VAC		
Voltage Range	110~300VAC, 110~176VAC, 280~300VAC (Power Limited)		
Frequency Range	50/60 ± 6Hz (Default) ± 10Hz (Settable)		
Input Power Factor	≥0.99		
Input Harmonic Distortion	≤3% THD (Linear Load), ≤5% THD (Non-Linear Load) (PF=0.8)		
OUTPUT			
Output Formats	L+N+PE		
Output Voltage	208/220/230/240VAC		
Output Accuracy	±1%		
Output Frequency	Online Mode: According to AC Frequency, Battery Mode: 50/60 Hz±0.1%		
Output Harmonic Distortion	≤ 1% THD (Linear Load), ≤ 3% THD (Non-Linear Load)		
Output Power Factor	1		
Switching Time	AC Mode to Battery Mode zero, Inverter to Bypass 4ms (Typical)		
Over Load Capacity	1min@105%~125% Load; 30sn@125%~150% Load; 0.5sn@>150% Load;		
MACHINE EFFICIENCY			
AC Mode (Full Load Efficiency)	94.5%@220VAC	95.5%@220VAC	95.5%@220VAC
Battery Mode (Full Load Efficiency)	89.5%@36VDC	91.5%@48VDC	91.5%@72VDC
BATTERY			
Battery Type	Lead Acid Battery		
Battery Quantity (Tower/Rack)	36V / 7Ahx3 - 24V / 9Ahx2	48V / 9Ahx4 - 48V / 9Ahx4	72V / 9Ahx6 - 72V / 9Ahx6
Charging Current	1-12 Amper Adjustable	1-4 Amper Adjustable	1-4 Amper Adjustable
Charging Mode	Two / Three Period Charging		
ENVIRONMENT			
Working Ambient Temperature	0~40°C		
Working Ambient Humidity	20%~95% (No Condensation)		
Storage Temperature	-15~60°C (Battery: 0~40°C)		
Altitude	<1000m, Derating at Above 1000m, Maximum 4000m, Refer to IEC62040		
Noise Level	<50db		
Gross Weight [kg] (Tower/Rack)	11,5 / 11,6	19,5	25 / 24,5
Dimensions (WxDxH) [mm] (Tower/Rack)	144x345x225 / 438x420x88 (2U)	190x395x325 / 438x420x88 (2U)	190x395x325 / 438x600x88 (2U)
STANDARDS			
Safety / EMC / LVD / Performance	EN / IEC 61000, EN / IEC 62040, GB / T7260, GB / T 4943, YD / T 1095, TL Cets.		
COMMUNICATION INTERFACE			
Interface	USB, RS232, EPO		