

# DTR Series 6-10 kVA

1/1 Online UPS



HIGH EFFICIENCY



CLEAN ENERGY



ECO-FRIENDLY TECHNOLOGY



ALL DEVICES COMPATIBLE



*DTR 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.*

DTR 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.

DTR Series

Technical Specifications	DTR6K	DTR10K
Rated Power / Output Active Power	6 kVA / 6 kW	10 kVA / 10 kW
<b>INPUT</b>		
Input Formats	L+N+PE	
Rated Input Voltage	208/220/230/240VAC	
Voltage Range	110~300VAC, 110~176VAC, 276~300VAC (Power Limited)	
Frequency Range	50/60 ± 6Hz (Default) ± 10Hz (Settable)	
Input Power Factor	≥0.99	
Input Harmonic Distortion	≤5% THD (Linear Load), ≤8% THD (Non-Linear Load) (PF=0.8)	
<b>OUTPUT</b>		
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	≤ 2% THD (Linear Load), ≤ 5% THD (Non-Linear Load)	
Output Power Factor	1	
Switching Time	AC Mode to Battery Mode zero, Inverter to Bypass 4ms (Typical)	
Over Load Capacity	AC Mode: 30min@102%~110% Load; 10min@110%~130% Load; 30s@130%~150% Load; 500ms@>150% Load Bat. Mode: 10min@102%~110% Load; 10min@110%~130% Load; 10s@130%~150% Load; 500ms@>150% Load	
<b>MACHINE EFFICIENCY</b>		
AC Mode (Full Load Efficiency)	Maximum 95.5%@220VAC	
Battery Mode (Full Load Efficiency)	Maximum Efficiency 95,3%, Full Load Efficiency 94,8% 240VDC	
<b>BATTERY</b>		
Battery Type	Lead Acid Battery	
Battery Quantity	16/18/20pcs Adjustable, Default 16pcs 192V - 7-9Ah (In External Cabinet)	
Charging Current	1-12A Adjustable	
Charging Mode	Two / Three Period Charging	
<b>ENVIRONMENT</b>		
Working Ambient Temperature	0~40°C	
Working Ambient Humidity	20%~95% (No Condensation)	
Storage Temperature	-15~60°C	
Altitude	<1000m, Derating at Above 1000m, Maximum 4000m, Refer to IEC62040	
Noise Level	<50db	
Gross Weight [kg]	20,9	20,9
Dimensions (WxDxH) [mm]	438x472x88 (2U)	
<b>STANDARDS</b>		
Safety / EMC / LVD / Performance	EN / IEC 61000, EN / IEC 62040, GB / T7260, GB / T 4943, YD / T 1095, TL Cets.	
<b>COMMUNICATION INTERFACE</b>		
Interface	RS232, Extensible SNMP Card, USB, DRY-Contact Card, EPO Connector, Maintenance Connector	

Load at Altitude = Rated Power x Derating Factor (Altitude Corresponding)

Altitude (m)	1000	1500	2000	2500	3000	3500	4000	4500	5000
Derating Factor	100%	95%	91%	86%	82%	78%	74%	70%	67%



Notice: If machine is used at above 1000m, Diminishing ratings output must be used, please refer to above table for derating factor. Because UPS model's parameters is different, so the product weight different, please according to the physical pject. Is necessary, please consult with the sales.