

# DT SERIES

1-2-3-6-10 KVA



## Online power protection with **DSP** control

DT Series; is an uninterruptible power supply that has easily got the leading position among its rivals by its special design in parallel with the needs of small offices and medical sector.

It is easy to monitor-configure by its user-friendly and pure LCD screen and impressive with its chic design.

DT SERIES	DT1K	DT2K	DT3K	DT6K	DT10K
<b>INPUT</b>					
Capacity	1 KVA	2 KVA	3 KVA	6 KVA	10 KVA
Rated Voltage	220V				
Rated Frequency	50Hz/60Hz (Self-Adaption)				
Voltage Range	110 ~ 300 VAC (half load), 140 ~ 300VAC (full load)				
Frequency Range	45 - 55 Hz ± 0.5% 50 Hz / 55 - 65 Hz ± 0.5% 60 Hz				
Phase	Single Phase + N + GND				
Power Factor	≥ 0.99				
Current (liner full load)	4.0A	8.1A	12.1A	24.2A	40.4A
THD	< %3			< %5	
Bypass Voltage Range	186 VAC - 252 VAC				
<b>OUTPUT</b>					
Voltage	208 VAC / 220 VAC / 230 VAC / 240 VAC can be set on LCD				
Power Factor	0.9				
Voltage Accuracy	± %1				
THDv	< %3 Linear Load; < %5 Nonlinear Load				
Crest Factor	3:1				
Socket Type (AC Mode)	Same as Input Frequency				
Frequency (Battery Mode)	50 / 60 ± 0.2 Hz				
Phase Lock Speed	≤ 1 Hz/s				
System Efficiency					
Online Load	≥ 90%			≥ 92%	
ECO Mode	≥ 94%				
Inverter Overload Capacity	105% ~ 130%: Trnsf. to Bypss M. After 10s. ; 130% ~ 150% : Trnsf. to Bypss M. After 1 Min. Giving Alarm				
<b>BATTERY</b>					
Type	Lead Acid Maintenance Free Battery				
DC Voltage	24V	48V	72V	192V	192V
Confuguration	9Ah 12V	9Ah 12V	9Ah 12V	9Ah 12V	9Ah 12V
Charge Current	2	4	6	16	16
Charge Method	Three-Stage Charging				
Recharge Time	%90 Capacity After 5hrs Charging (standard model)				
Input Voltage Range	80 VAC ~ 300 VAC			150 VAC ~ 300 VAC	
Charging Current	Standart Model: 1A, Long Time Model: 6A			Standart Model: 1A, Long Time Model: 8A	
Protection	Over-Temprotection; Fan Testing Protection; AC Land N Connect Wrong Protection; Output Short Circuit Protection				
Control	Silence; Cold Start; AC Restart; Auto Restart				
Communication	RS232, SNMP, USB Software Function, Stalue Analyze, Switch On / Off UPS System, Story History				
<b>GENERAL</b>					
Display	LCD / LED				
Operation Temperature	0 ~ 40 °C				
Store Temperature	-25 °C ~ 55 °C				
Humidity	0 ~ 90 (non-condensing)				
Altitude	0m < Altitude < 1500m, Over 1500m Used With Power Derated				
Noise	< 50db			< 55db	
Dimension (WxHxD)	357x144x215 mm	439x190x341 mm	439x190x341 mm	514x262x710 mm (S), 514x262x455 mm (L)	
Net / Gross Weight	10/11.1 (S) 6/7 (L)	20/21.3 (S) 12/13.3 (L)	24/25.3 (S) 12.5/13.8 (L)	67/75 (S) 26/28 (L)	