



یو پی اس های تبدیل دوگانه آنلاین سری DT دارای واحد ریزپردازنده DSP است و به لطف DSP، مهمترین وظایف را برای لوازم خانگی، اداری، آزمایشگاهی انجام می دهد و حفاظت از توان تقویت شده را ارائه می دهد.

همچنین به کاربر اجازه می دهد تا مقادیر ولتاژ، بار، جریان، دما و غیره را از راه دور کنترل و نظارت کند و تنظیمات مورد نیاز را از طریق پنل LCD کاربر پسند خود تنظیم کند، همچنین خطاها و رویدادها را در گزارش رویداد خود نشان می دهد.



| Technical Specifications | DT6K | DT10K |
|-------------------------------------|--|----------------|
| Rated Power / Output Active Power | 6 kVA / 6 kW | 10 kVA / 10 kW |
| INPUT | | |
| 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) | |
| 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 | ≤ 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 | |
| MACHINE EFFICIENCY | | |
| AC Mode (Full Load Efficiency) | Maximum 95.5%@220VAC | |
| Battery Mode (Full Load Efficiency) | Maximum Efficiency 95,3%, Full Load Efficiency 94,8% 240VDC | |
| BATTERY | | |
| Battery Type | Lead Acid Battery | |
| Battery Quantity | 16/18/20pcs Adjustable, Default 16pcs 192V - 7-9Ah | |
| Charging Current | 1-12A 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] | 53,5 | 61 |
| Dimensions (WxDxH) [mm] | 250x520x616 | |
| STANDARDS | | |
| Safety / EMC / LVD / Performance | EN / IEC 61000, EN / IEC 62040, GB / T7260, GB / T 4943, YD / T 1095, TL Cets. | |
| COMMUNICATION INTERFACE | | |
| 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 object. Is necessary, please consult with the sales.

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021-88860000

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