

## Commission Regulation (EU) No 617/2013

### Technical Documentation

|  |   |
|--|---|
| Product marketing name   | TCx 300   |
| All models covered by this report  | 361, 371, 381, 391, E61, E71, E81, E91  |
| Product model number tested  | 391   |
| Product type   | Desktop computer  |
| Product category   | D   |
| Manufacturer   | Toshiba Global Commerce Solutions   |
| Address  | 3901 S. Miami Blvd. Durham, NC 27703  |
| Year of manufacture  | 2019  |
| E <sub>TEC</sub> value (kWh) and capability adjustments applied when all discrete graphics cards are disabled and if the system tested with switchable graphics mode with UMA driving the display. | 85.5  |
| E <sub>TEC</sub> value (kWh) and capability adjustments applied when all discrete graphics cards are enabled.  | N/A   |
| Idle power (W)   | 23.3  |
| Sleep mode power (W)   | 2.3   |
| Sleep mode with WOL enabled power (W)  | 2.4   |
| Off mode power (W)   | 0.5   |
| Off mode with WOL enabled power (W)  | 0.6   |
| Internal power supply efficiency at:   |   |
| 10% of rated output power  | N/A   |
| 20% of rated output power  | N/A   |
| 50% of rated output power  | N/A   |
| 100% of rated output power   | N/A   |
| External power supply efficiency   | N/A   |
| Noise levels (dBA)   | 36  |
| Minimum number of loading cycles that the batteries can withstand (notebook computers only)  | N/A   |
| Measurement methodology  | IEC62623  |
| Steps for achieving stable condition with respect to power demand  | IEC62623  |
| How sleep and/or off mode was selected or programmed   | Windows OS selected   |
| Sequence of events required to reach the mode where the equipment automatically changes to sleep and/or off mode   | Windows OS selected   |
| Duration of idle state condition before the computer automatically reaches sleep mode  | 30 minutes  |
| Length of time after a period of user inactivity in which the computer automatically reaches a power mode that has a lower power demand requirement than sleep mode                                | N/A   |
| Length of time before the display sleep mode is set to activate after user inactivity  | 10 minutes  |
| User information on the energy-saving potential of power management functionality  | <a href="http://www.energystar.gov/index.cfm?c=power_mgt.pr_power_mgt_users">http://www.energystar.gov/index.cfm?c=power_mgt.pr_power_mgt_users</a>   |
| User information on how to enable the power management functionality   | <a href="http://www.energystar.gov/index.cfm?c=power_mgt.pr_power_mgt_users">http://www.energystar.gov/index.cfm?c=power_mgt.pr_power_mgt_users</a>   |
| For products with an integrated display containing mercury, the total content of mercury as X.X mg   | N/A   |
| Test voltage (V)   | 230VAC  |
| Test frequency (Hz)  | 50Hz  |
| Total harmonic distortion of the electricity supply system   | < 2 %   |
| Information and documentation on the instrumentation, set up and circuits used for electrical testing  | <p>Measuring Equipment:</p> <p>1.1 AC Power Source: Chroma 6530</p> <p>1.2 Power Meter: YOKOGAWA WT310</p> <p>1.3 Reference Impedance Network:</p> <p>Test Conditions:</p> <p>2.1 AC Power Source: 230 Volts (+/-1%) AC, 50Hz (+/-1%)</p> <p>2.2 Relative humidity: 10%~80%</p> <p>2.3 Temperature: 18 C~28 C</p> |