

DTS DC3 LED Definitions

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1 ABSTRACT

This document describes the LED patterns and sequences of the Measurlogic DTS DC3 meters.

2 DTS DC3 LED Definitions

The DTS DC3 is equipped with 3 LED groups for information and troubleshooting – **STATUS**, **REMOTE**, and **PULSE**.

2.1 Status LED

The DTS DC3 has a separate **STATUS** LED for each of the three measurement phases (A, B and C). The **STATUS** LED for each phase consists of a repetition of **two flashes** which shows whether the measured power is being consumed/imported or generated/exported, as well as the magnitude of the current load on that phase.

1. The **First Flash** is the “heartbeat” and indicates that the meter is ON and the direction of energy:



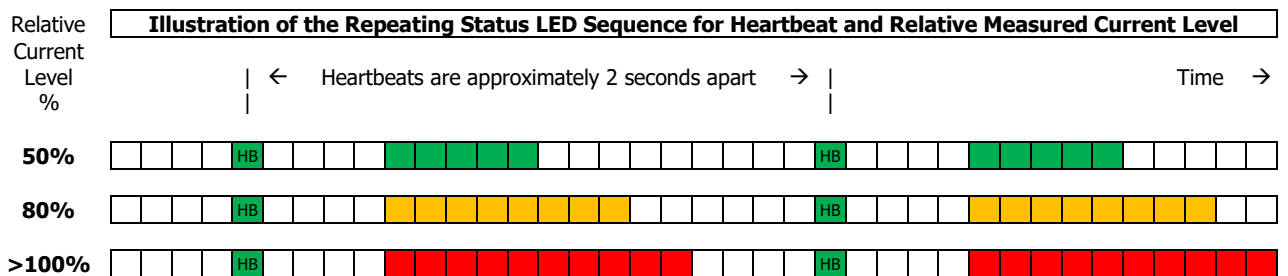
Green – Energy is being consumed/imported



Orange – Energy is being generated/exported

2. The Color and Length of the **Second Flash** indicates the “current load level” for each of the three measured phases relative to the service current of each phase:

- GREEN for 5-80% of total service current
- ORANGE for 80-100% of total service current
- RED for >100% of total service current



2.2 Remote LED

- The **REMOTE** LED is a communications indicator which is present on all meters fitted with an RS-485 serial port.
- The LED will flicker **GREEN** when the DTS DC3 receives data on the BUS and **AMBER** when the DTS DC3 transmits data in response.



Green – Data being received



Amber – Data being transmitted

2.3 Pulse LED

- The **PULSE** LED is an indicator LED that flashes amber every time the measured kWh passes a settable threshold. The pulse rate is set using the [DTS Config software configuration tool](#) or DIP switches (model dependent).