

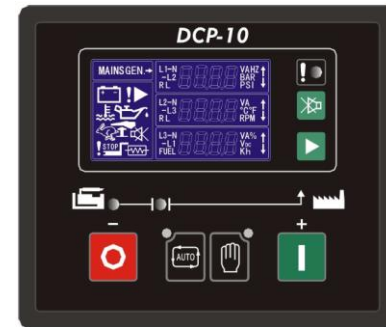
# DCP10 Navigation & Start/Stop

## **INTERMEDIATE**



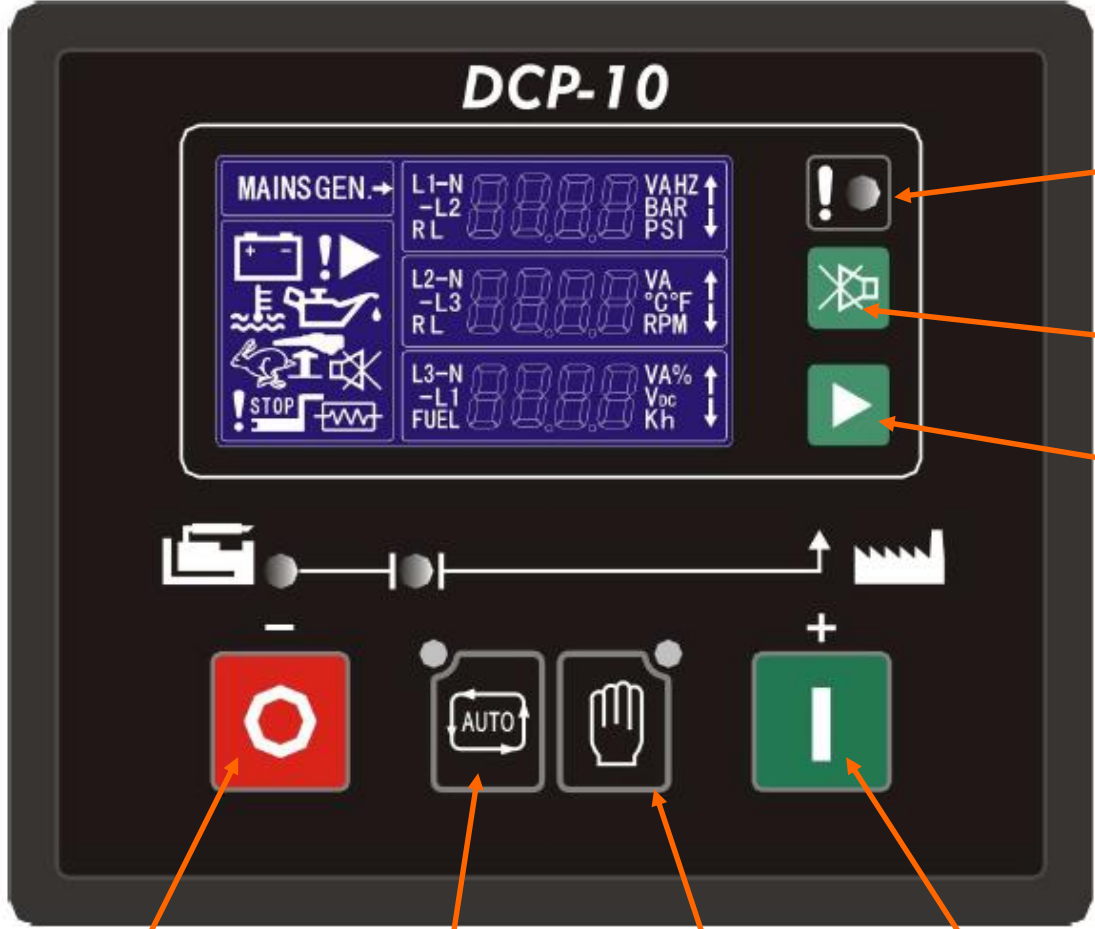
- Course Agenda

- Display Layout
- Viewing and Clearing Active Faults
- Status Menu Walkthrough
- Manual Start/Stop



- Learning Objectives

- This course aims to provide you with a basic overview of the Powerwizard control system.
- Upon completion of this course learners will be able to;
  - Navigate through the status/operator menus.
  - View and reset alarms and shutdowns.
  - Perform basic genset start/stop procedures.



LED indicates Active Alarm/Shutdown

Mute/Lamp test

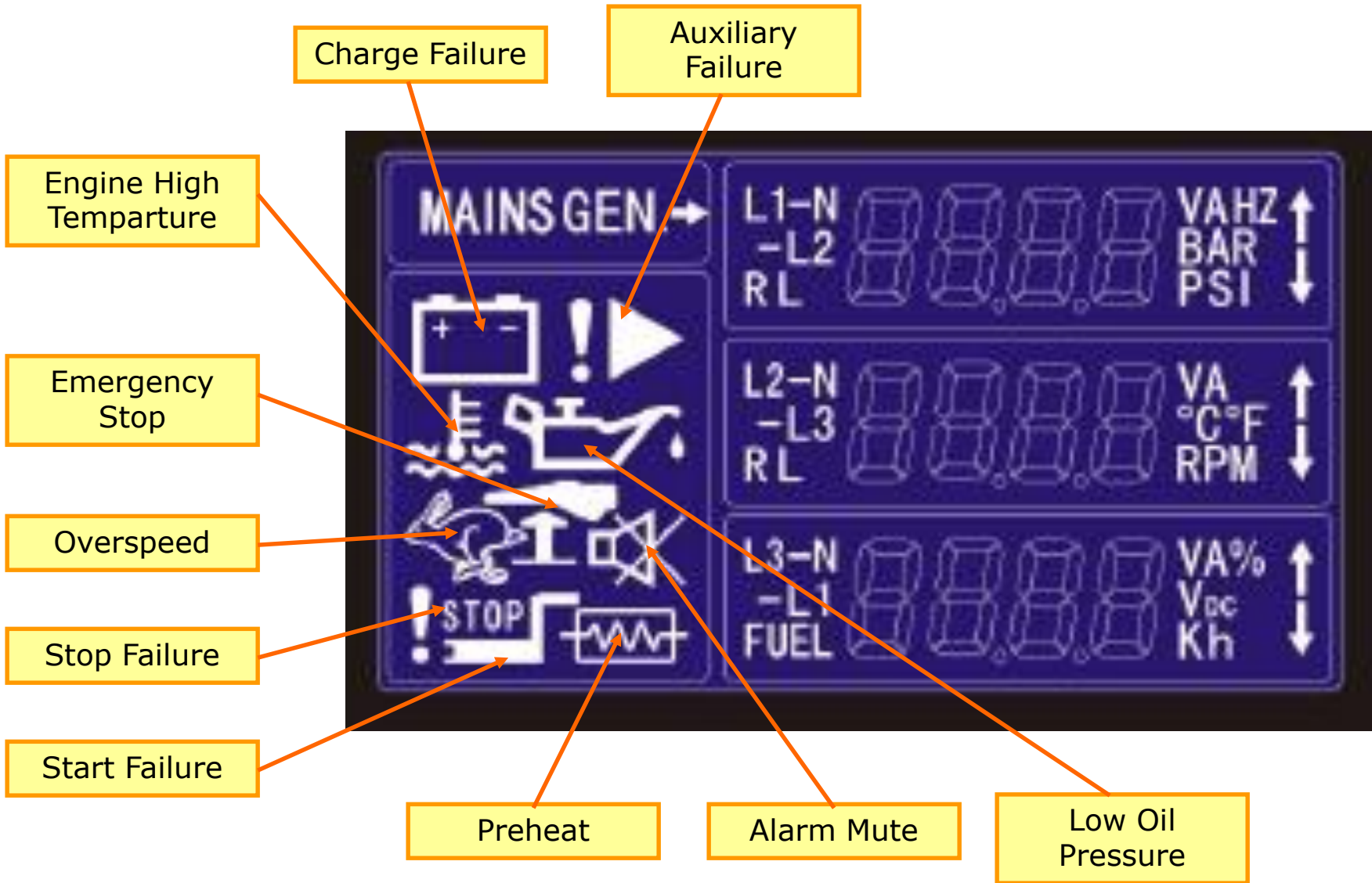
Scroll button

Stop/reset/ value decrease

Auto mode

Manual mode

Start/reset/ value increase

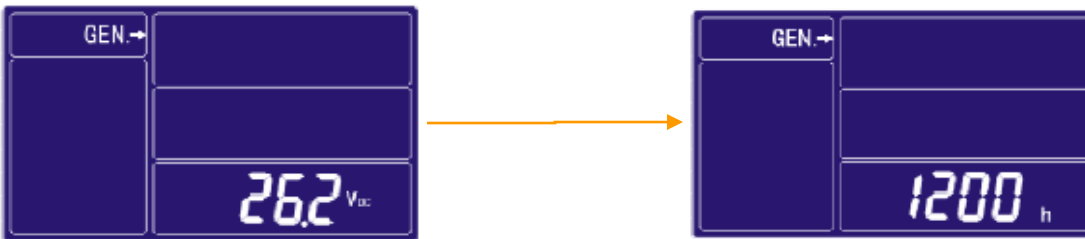


# DCP-10 LCD displays

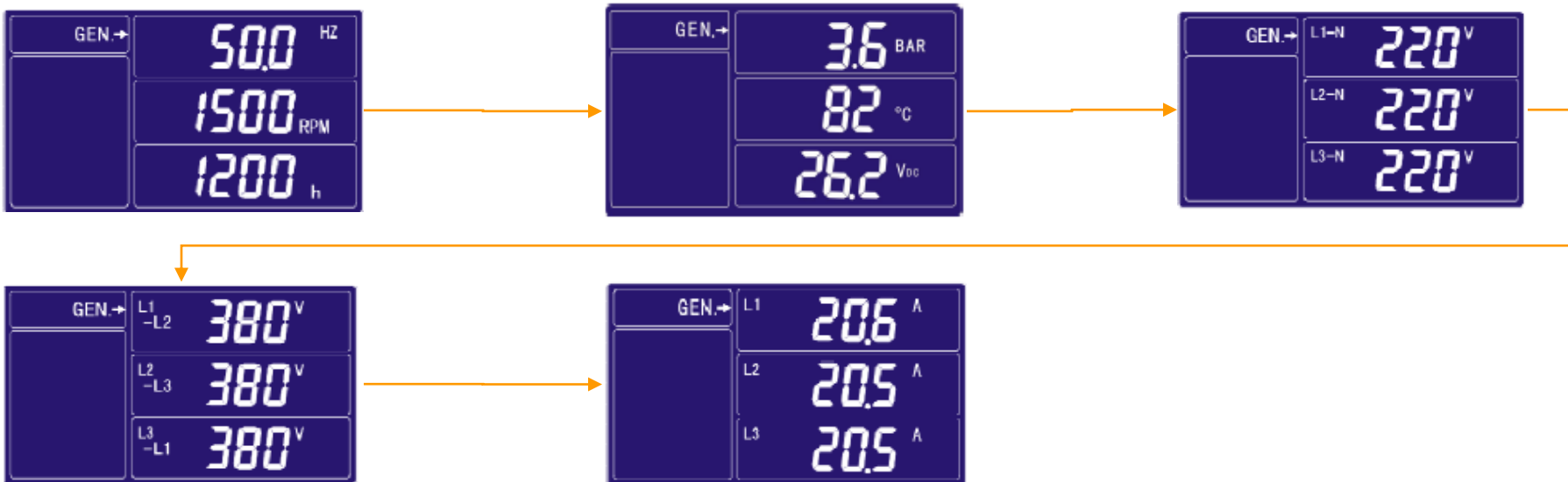


Press "  " to manually scrolls to view each measuring data.

Controller is in standby status, circularly displays each measuring data



Controller is normally running, circularly displays each measuring data:





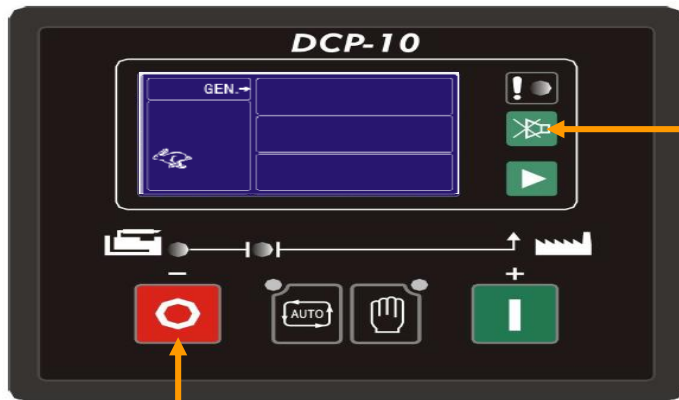
# Viewing and Resetting Active Faults



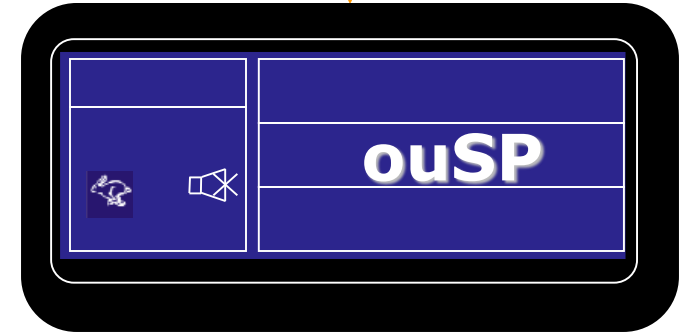
## COMMON FAILURE LED

LED will flash when pre-alarm (Warning) occurs.

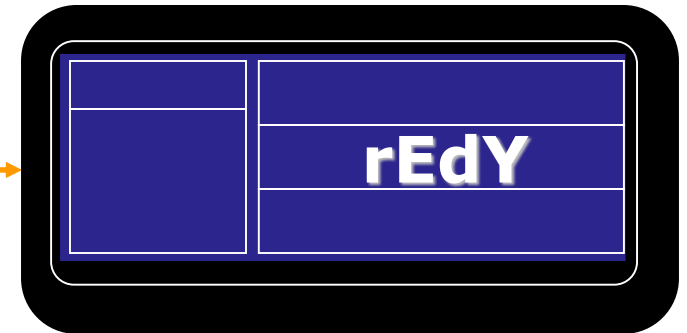
LED will illuminate permanently when shutdown alarm occurs.



Step 1  
Alarm Mute



Step 2  
Reset



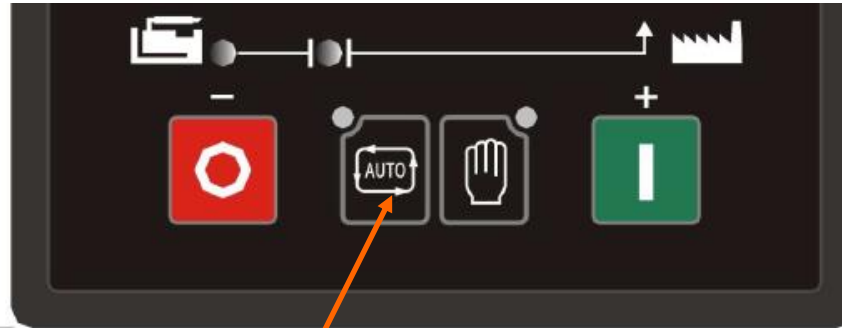
# Code Table showing possible failures



Name	Code
CHARGE FAILURE	<b>ERR0</b>
BATT. UNDER VOLT	<b>BR00</b>
BATT. OVER VOLT	<b>BR0R</b>
START FAILURE	<b>SEFR</b>
STOP FAILURE	<b>SPFR</b>
EMERGENCY STOP	<b>ES0R</b>
LOW OIL PRESS	<b>PR0S</b>

Name	Code
ENGINE HIGH TEMP	<b>EE0R</b>
OVER SPEED	<b>OS0R</b>
UNDER SPEED	<b>US0R</b>
OVER CURRENT	<b>OR0R</b>
GEN. OVER VOLT	<b>GO0R</b>
GEN. UNDER VOLT	<b>GU00</b>
P-SENSOR OPEN	<b>PS0R</b>

# Auto Start



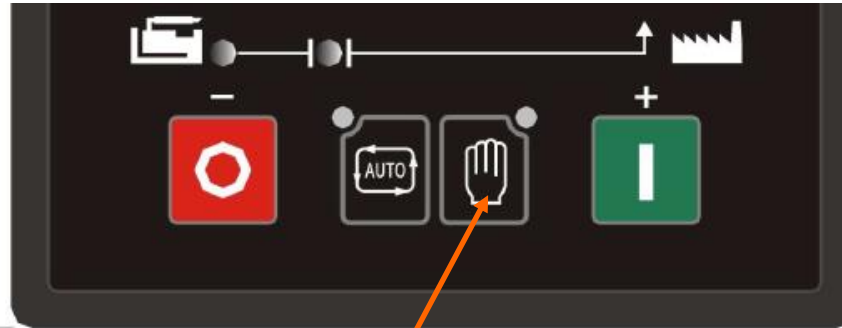
**Press and hold the "AUTO" button for 2sec, the LED above the button is illuminated; the controller is running in "AUTO" mode.**

## **AUTO Mode Button / LED**

The push button is used for selecting "AUTO mode". When the controller is running in AUTO mode, the LED above the push button illuminated. The activation and deactivation of the "remote start signal input" controls the starting and stopping of the Genset.



# Manual Start



**Press and hold the "MAN" button for 2sec, the LED above the button is illuminated; the controller is running in "MAN" mode.**

## **MAN Mode Button / LED**

The push button is used for selecting "manual mode". When the controller is running in MANUAL mode, the LED above the push button illuminated. The Start and Stop push buttons control the starting and stopping of the Genset..

# Questions & Demo

