

WEG Inverter Setup

How to set up the WEG inverters. used on the Transfer crank and Infeed modules. These are fitted to some ZX5 machines in the field replacing the Eaton Inverters for a short period.

Contents

Accel and Decel will also need to be set. The values to be set for each axis are below.

P100= Accel

P101= Decel

Comments

Easy Start Guide

WEG CFW100 Series Inverter



5. How to set a Parameter value



5.1 Press the P key to access parameters

With the motor stopped and any fault or alarm messages cleared, press the P key to access the parameter list.

*Note: Fault and alarm messages are prefixed with F or A and can be cleared by pressing the green and red start/stop button once.
If the display is already showing a value prefixed the P proceed to the next step.*



5.2 Select the required parameter

Use the up and down arrows to locate the parameter you wish to change - in this case, P401 Motor Rated Current.

The units are shown on the right if applicable - in this case, A for Amps.

Press the P key to select the parameter.



5.3 Change the parameter value

Use the up and down arrow keys to change the value. In this case, the full load current shown on the motor nameplate is 1.4A so the parameter value is changed accordingly.

Press P to save the changes.

The display will return to the parameter list.



5.4 Conf message

If the parameter value conflicts with another parameter value, "Conf" will be displayed. This indicates that further parameters will need to be changed in order for the Inverter to operate normally. In many cases, this behaviour is to be expected.

Press P to clear this message. The display will return to the parameter list. An arrow will be displayed on the left to indicate an unresolved conflict.

PAR NO.	PAR SET	PAR FUNCTION
P271	1	SET DIx TO 24Vdc
P220	1	REMOTE SELECTION
P226	4	REMOTE ROTATE SELECTION
P227	1	REMOTE RUN SELECTION
P263	4	DI1 FUNCTION (FWD)
P264	5	DI2 FUNCTION (REV)
P133	50	MIN FREQUENCY REF
P134	50	MAX FREQUENCY REF
P265	20	DI3 FUNCTION (RESET)
P266	40	DI4 FUNCTION (ESTOP)
P271	1	SET DIx TO 24Vdc
P275	13	DO1 FUNCTION (FAULT)

Accel and Decel will also need to be set. The values to be set for each axis are below.

P100= Accel

P101= Decel

ZX5 Motors

Infeed motor - Module A

- Accel = 0.1s
- Decel = 0.1s

Crank C - Module C

- Accel = 0.5s
- Decel = 0.1s

Crank D - Module C

- Accel = 1.0s
- Decel = 0.2s

Crank E - Module E

- Accel = 0.5s
- Decel = 0.1s

Crank E - Module E

- Accel = 0.5s
- Decel = 0.1s

Autoflow Mk4 Parameters

Infeed motor - Module A

- Accel = 0.5s
- Decel = 0.5s