



WEG Inverter Setup

How to set up the WEG inverters. used on the Transfer crank and Infeed modules.

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History

Date		Photo
2021	Original Unit fitted due to supply chain issues with Eaton Motor Starters	
2024	<p>IO Module added to allow a fault signal to be fed back to control system see ECN004 WEG Inverter Update - Fault Output</p> <p>⚠ ...Additional parameters needed when using IO block</p>	

Easy Start Guide

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.

Parameters

Parameter Settings

Number	Setting	Function	Notes
P100		Accel Time	See Below
P101		Decel Time	See Below
P133	50	Min Frequency Ref	
P134	50	Max Frequency Ref	
P271	1	Set DIx to 24v DC	
P220	1	Remote Selection	
P226	4	Remote Rotate Selection	
P227	1	Remote Run Selection	
P263	4	DI1 Function (FWD)	
P264	5	DI2 Function (REV)	
P265	20	DI3 Function (RESET)	Only Used when IO Module is fitted to front of unit
P266	40	DI4 Function (ESTOP)	
P275	13	DO1 Function (FAULT)	

Accel and Decel (P100 & P101) Values

Machine Type	Inverter Location (Module Panel)	Motor Location (Module)	Motor	P100	P101
ZX5	A	A	Infeed Conveyor	0.1	0.1
	A	A	Infeed Wheel	0.1	0.1
	B	C	Crank	0.5	0.1
	B	D	Crank	1.0	0.2
	B	E	Crank	0.5	0.1
Autoflow Mk4	B	A	Infeed conveyor	0.5	0.5

Further Information

Programming Manual