

## Release Note: Firmware of EFOY Pro product series

Date: 23.03.2018

For detailed information, which firmware version is relevant for your EFOY Pro fuel cell, please refer to the Firmware Guide EFOY Pro.

### Overview

- EFOY Pro 800 / 800 Duo / 2400 / 2400 Duo  
FW 17.06 to 17.12  
Next Update: **Firmware 17.13**
- EFOY Pro 600 / 1600:  
Production date after calendar week 12 2011 - FW 11.07 to 11.12  
Available Update: None
- EFOY Pro 2200 / 2200 XT:  
FW 11.04 to 11.12  
Available Update: None
- EFOY Pro 600 / 1200 / 1600:  
Production date before calendar week 12 2011 - FW 9.09 to 9.23  
Available Update: None

Date, serial.-nr.	17.xx Firmware Version	update required	update recommended	not necessary
Week 12, Ser.-nr. 43248	<b>17.13</b> - Adjustment charge cycle monitor (Aut / Man / Ext instead of 1 / 2 / 3) - SIO command update: - Values for fill level of each cartridge and the sum of all cartridges (values in "SYSTEM" command available) - "?" command reply now includes LOG and SYSTEM - MODBUS register update: - Registers for fill level of each cartridge and the sum of all cartridges - Improved internal failure management Error 71		✓	
Week 48, 2017 ser.-nr. 42212	<b>17.12</b> - New function: Charge cycle monitor - Controls the charge cycle duration and warns if the cycles are too short. Short cycles can be caused by a too small, too old or defective battery. - New symbol: If MODBUS RTU was selected as communication protocol, an "M"-icon appears on the info screen - Implementation of the MT60 tank as fuel cartridge option - Implementation of the EFOY GO! as battery type option - Bug fixing for Cluster Controller operation		✓	
	<b>17.11</b> Firmware has been withdrawn	Use Firmware 17.12 instead of Firmware 17.11		
week 06, 2017 ser.-nr. 40207	<b>17.10</b> - Adjustment on update via Modbus regarding baud rate and parity. On request - MODBUS register update: - All registers for SFC commands now available. - Help for MODBUS command implemented - Removed voltage 0.2 V step up after 2 weeks		✓	
week 08, 2016 ser.-nr. 37801	<b>17.09</b> - New communication protocol: MODBUS RTU - Extended adjustable parameters for <b>min. switch-off current</b> . Minimal switch off-current set to 2 A (12 V) and 1 A (24 V). Only for EFOY Pro 2400 / 2400 Duo lead battery settings. No changes on factory settings. - Improved internal failure management. - Hybrid mode on display.		✓	

<p>week 35, 2014 ser.-nr. 34233</p>	<p><b>17.08</b></p> <ul style="list-style-type: none"> <li>- Improved internal failure management.</li> <li>- Improved feeding pump control – new notification regarding fuel connector malfunction.</li> <li>- Extended adjustable parameters for <b>switch off voltage (Hybrid)</b>, no change in default settings.</li> <li>- New LiFePO4 settings for 24 V, automatic 12 V / 24 V detection.</li> <li>- Bug fix – Look icon did not occur when signal on Pin7 and external control active.</li> <li>- Removed: “Firmware out of date” notification.</li> </ul>		√	
<p>week 37, 2013 ser.-nr. 31684</p>	<p><b>17.07</b></p> <ul style="list-style-type: none"> <li>- New settings via operation panel OP2: Altitude and Switch off voltage (Hybrid mode)</li> <li>- New submenu “Batter type” in expert mode of operation panel OP2 with specific switch on and off settings: Lead acid, lead gel, AGM, LiFePO4</li> <li>- New command via terminal program: Battery</li> <li>- Failure 71 now always self-resetting.</li> <li>- Update for new internal peripheral devices.</li> </ul>		√	