



Instructions to change the Maximum Current Value on an eoMini

Table of Contents

1	Introduction	3
2	Changing from 32A to 16A.....	4
2.1	TN-C-S or PME Earth	4
2.2	IT Earth.....	5
3	Further Technical Support	6

1 Introduction

This document details how to change the maximum current rating of an eoMini from 32A

NOTE – it is only possible to reduce the maximum current rating of the eoMini from 32A **IF** the rating plate sticker on the eoMini states “Up to 7.2kW/32amp”. Otherwise, the rating plate is invalidated. This information was added to the rating plate from July 2018.

2 Changing from 32A to 16A

In order to change the maximum current rating from 32A, the following steps must be taken. Care needs to be taken as to whether the eoMini is to be installed in an installation that requires the mains test (e.g. UK) or one that doesn't need the earth tested (e.g. Norway)

The current selection is made via a 16 position rotary switch on the bottom left hand corner of an eoMini:



Figure 1 - Rotary switch to select Maximum current rating

2.1 TN-C-S or PME Earth

The following switch positions determine the maximum current rating for countries that use a TN-C-S or PME earthing system.

Switch Position	Mains Test (Loss of earth)	Current Rating (Amp)
0	YES	11
1		12
2		14
3		16
4		19
5		22
6		24
7		28
8		30
9		32

2.2 IT Earth

The following switch positions determine the maximum current rating for countries that use an IT earthing system. This option disables the loss of mains tests in the firmware

Switch Position	Mains Test (Loss of earth)	Current Rating (Amp)
A	NO	11
B		12
C		16
D		22
E		28
F		32

3 Further Technical Support

All EO Charging technical documentation is published in the EO Resource Centre, this is found at:
<https://www.eocharging.com/service-support/>

The EO Support team can be reached at:

- Email: support@eocharging.com
- Phone: +44 (0) 333 77 20383