



## CHARGER

Innovative charging concepts for maximum mobility: Equipped with the experience of almost half a century, FRIWO is your ideal partner in charging technology.

Regardless of whether you require highest performance, convection cooling, temperature monitoring, active battery balancing or communication via BUS systems, our comprehensive expertise in the field of charging technology will help you find the perfect solution for your specific needs.

## ■ FULL POWER, LOWER CONSUMPTION

Coming from a market-leading position in the field of e-bike charging technology, we are more than familiar with the requirements of an optimal power supply for light electric vehicles. In addition to the shortest possible charging times for limitless electromobility, maximum user-friendly handling, exceptional operational lives and safety issues are of central importance for the design of our devices. Tailor-made for „green“ electric mobility, it goes without saying that our highly efficient charging systems offer minimal standby losses with the aim of achieving „zero standby“.

Dealing with the future of electromobility, FRIWO as an innovative company is also constantly exploring new power supply concepts. In the field of contactless energy transmission, which could represent the charging infrastructure concept for electric vehicles of the future, we have already realized efficient inductive charging systems featuring parallel data transfer.

## ■ OVERVIEW

<b>Input Voltage</b>	90 - 264 VAC
<b>Input Frequency</b>	47Hz - 63Hz
<b>Efficiency</b>	> 93%
<b>Power factor pF</b>	> 0,98
<b>Output Voltage</b>	29 - 60V
<b>Output current</b>	0 - 7000mA
<b>Communication</b>	CAN
<b>Authentication</b>	OPTIGA TRUST
<b>Protection</b>	OVP, OCP, OTP
<b>Safety</b>	IEC / EN 60335-1 & IEC / EN 60335-2-29
<b>Water protection</b>	IPX4
<b>Operation Temperature</b>	-20 °C - 55 °C

## ■ VIEWS

