



Payter solutions for Kempower customers

© Copyright Kempower Oyj 2022

All rights reserved. Subject to change without notice. No parts of this work may be reproduced in any form or by any means – graphic, electronic, or mechanical, including photocopying, recording, taping, or information storage and retrieval systems – without prior written permission of the copyright holder. Kempower may have one or more patents or pending applications that protect the intellectual property rights mentioned in this information. Products that are referred to in this information may be either trademarks and/or registered trademarks of the respective owners. The publisher and the author make no claim to these trademarks. While every precaution has been taken in the preparation of this information, the publisher and the author assume no responsibility for errors or omissions, or for damages resulting from the use of this information or from the use of programs and source code that may accompany it. In no event shall the publisher and the author be liable for any loss of profit or any other commercial damage caused or alleged to have been caused directly or indirectly by these instructions. The original language of this information is English. Other language versions are translations from English. In case of a discrepancy, the English original will prevail. Kempower does not assume responsibility for errors in translation.

CONTENTS

1 PAYMENT TERMINALS	1
1.1 Payter terminal types	2
2 INTEGRATION OPTIONS.....	3
2.1 Customer backend API to MyPayter API integration	3
2.2 Close integration.....	3
3 FEES AND TRANSACTION COSTS	5
4 REGISTERING THE PAYTER TERMINAL.....	6
5 COMMISSIONING	7

1 PAYMENT TERMINALS

Kempower delivers the Payter payment terminal installed and preconfigured on the charging equipment. Payment terminals are not currently available as retrofit solutions. Kempower is responsible for the technical functionality and warranty of the payment terminal. Kempower is not responsible for payment processes or any agreements related to payment processes.

The customer is responsible for making the necessary agreements with Payter, the payment gateway provider, and the payment processor or acquirer. All payment processes are handled by Payter and its partners.

Table 1. Responsibility matrix for Payter solution

Responsibility	Kempower	Kempower installation partner	Customer	Payter
Installation and preconfiguration of payment terminal	√			
Technical functionality, warranty of payment terminal	√			
Commissioning, close integration		√		
Commissioning, customer backend API integration*		√	√	
Network connection, internal modem (Kempower SIM)**	√			
Network connection, customer SIM			√	
Payter registration, agreement with payment gateway provider and payment acquirer/processor***			√	
Registration of each payment terminal			√	
Preventive maintenance****			√	
Payment processing				√

* Configuring the customer backend and MyPayter is the customer's responsibility.

** Kempower SIM is an extra-cost option.

*** Payment processing is Payter's responsibility together with the payment gateway provider and payment processor/acquirer.

**** Cleaning the external parts and inspecting the wiring of the payment terminal during annual maintenance is the customer's or the customer's service partner's responsibility.

1.1 Payter terminal types

Payter P66

- Only contactless payments
- Can be used only in countries where strong customer authentication (SCA) is not required, e.g. UK and Norway

Payter P68

- Contactless, chip reader and magnetic stripe (no pin-pad)
- For US market

Payter Apollo

- Contactless payment with online PIN entry and verification
- Recommended for EU market

2 INTEGRATION OPTIONS

The Payter terminal can be integrated to a Kempower charging unit in two ways:

1. Customer backend application programming interface (API) to MyPayter API integration (recommended option)
2. Close integration with Payter terminal (not recommended if customer uses OCPP/OCPI backend)

The payment terminal gets its operating power and network connectivity through the Kempower Satellite or Kempower Station Charger.

2.1 Customer backend API to MyPayter API integration

- The Payter terminal does not directly communicate with the Kempower Satellite or Kempower Station Charger.
- The screen of the Kempower Satellite or Kempower Station Charger does not show additional information for the Payter terminal.
- The customer backend API and the MyPayter API must be integrated to operate the Payter terminal.
- The customer backend and MyPayter must be configured during commissioning.
- Pricing is managed in the integrated customer backend or in MyPayter.
- When the payment card is validated, MyPayter sends the confirmation to the customer backend, and the customer backend sends the request to the Kempower Satellite or Kempower Station Charger.

2.2 Close integration

- The controller of the Kempower Satellite or Kempower Station Charger and the Payter terminal communicate directly without network connection.
- The screen of the Kempower Satellite or Kempower Station Charger can show additional information for the Payter terminal.
- Payter is in payment service provider (PSP) mode. No customer backend is required to operate the Payter terminal.

- The pricing rules are managed in ChargEye. The Kempower Satellite or Kempower Station Charger calculates the payment charge for the payment terminal. The payment terminal sends the information to the MyPayter cloud.
- When the payment card is authenticated, the the Kempower Satellite or Kempower Station Charger sends the transaction request to the backend system using the Session ID generated by Payter.

3 FEES AND TRANSACTION COSTS

Payter has determined costs for using their payment terminal. The operation costs consist of fixed fees and costs per transaction:

- Registration fees
 - Account registration (one-time fee)
 - Terminal registration (fee per terminal, has a batch maximum fee)
- Monthly fee for each terminal
- Transaction fees
 - Blended fee, X% of transaction amount
 - Interchange fee, available upon request

Contact Payter directly to determine fees and transaction costs. The fees and transaction costs may differ by country and be negotiable during registration.

4 REGISTERING THE PAYTER TERMINAL

To operate, each Payter terminal must be registered to your Payter account. To avoid delays at your site, we recommend that you do the registration in advance. Payter estimates that the length of the registration process is 1–4 weeks for a new customer.

To register the payment terminal, you need:

- The serial number of the payment terminal
- The secure application module (SAM) number of the payment terminal

Ask for this information from Kempower when you order the charging unit. The information is available at latest at the time of delivery.

Do the registration on the [Payter registration page](#).

5 COMMISSIONING

During commissioning, the installation partner adds the Payter terminal to the hardware configuration of the charging unit. The charging unit powers the payment terminal.

- When the customer backend API is integrated to the MyPayter API, the configuration is the customer's responsibility. Pricing is managed in the customer backend or in MyPayter.
- With the direct connection option, the connection is activated when the charging unit is in operation. Pricing rules are managed in ChargEye.

Change log	
Payter solutions for Kempower customers Rev. 1.10 12-2022	Added Payter Apollo



Kempower Oyj
Ala-Okeroistentie 29
15700 Lahti, Finland
+358 29 0021900
kempower.com