

# West Barn EV Charger Information

Firstly, thank you for choosing to stay at West Barn, we greatly appreciate it.

We have an **Easee One** 7.4kw fast charger (with Type2 connector) installed and available for your use. We are happy for you to charge your vehicle(s) and hope that it adds to the enjoyment of your visit to the Peak District and your stay at West Barn.

We have done our best to ensure a hassle free charging and payment process and will always look for ways to improve it, so your feedback is welcome.

Current Charge Cost is:

**50 Pence / Kwh**

or £3.70 per hour at 7.4kw/h

**Background** - The reasoning behind this process is to enable you to charge your vehicle and pay the fee at a competitive price but with the minimum amount of bureaucracy.

- Quick and easy to initiate charging
- Provides detailed usage and cost information for up to 3 different cars
- Avoids extra 3rd party app fees, normally ~12%
- Avoids downloading yet another app and subscribing with your bank details

Other methods are possible but we feel this process gives you the lowest cost and a simple method to charge and pay.



We are registered on the Co-Charger app if you would prefer to use this, please ask.

Below are a few points to be aware of before using the charger.

1. Charging an EV using the 3-pin sockets at West Barn is **strictly forbidden**. This is for health and safety and insurance reasons (trailing wires causing a trip hazard and overheating risks for cable and electrical systems).
2. **We do not provide an EV charging cable**, you need to bring your own.
3. Electricity to charge your vehicle requires your payment - albeit at a reasonable and competitive rate that will allow you to be ready for your next journey from West Barn.
4. We prefer payment by electronic transfer, details are provided in the detailed instructions. One payment per stay please.
5. You will need to use an 'Easee RFID tag' to initiate each charge. One of these is attached to each of the 2 house keyrings and 1 to the garage keyring.
6. Please refer to the detailed usage instructions below.
7. The charger will be set not to charge when no agreement has been made, meaning you will not be able to initiate a charge without agreeing to these terms and conditions.
8. Currently there is no overnight charging rate facility


# Instructions for using the West Barn EV charger

1. Firstly agree use of the EV charger with the owners, the owners will then set the EV charger to enable charging and provide bank account details for payment.
2. Plug in your cable and car to the Easee Charger using your Type2 Cable
3. The charger will display a long white vertical line on its front LED strip
4. Tap one of the Easee RFID Keys at the bottom of the white LED strip - which will turn GREEN to indicate approved use and the charging should start.
  - There are 3 Easee RFID Keys available, Red, Black & Green/Yellow stripes that can be used by individual car owners for a more itemised charging report.
5. End your charge as normal, either when full or manually terminating it. Remove your cable.
6. The charge process can be repeated by using any of the RFID Keys as desired.
7. Shortly after the end of your stay (2 days max), the owners will send you a 'Charger Report' (see example below) with a total that is to be paid into the owners bank account.

easee Energy Detailed Report		Export Period					
		Date from:	2023-04-22				
		Date to:	2023-04-24				
Site Info							
Site Key:	SVHA-5622						
Site Name:	West Barn, Netherloads Farm						
Address:	Loads Road, Holymoorside						
ZIP-code:	S42 7HW						
City:	Chesterfield						
Country:	United Kingdom						
Company:							
Contact Person:	Terry Arnold						
Contact Phone:	+447450409576						
Total Consumption							
Total Energy (kWh):	12						
Total Amount (ex.VAT) (GBP):	3.00						
Total Amount (inc.VAT) (GBP):	3.61						
User	Easee Key	Car Connected (Greenwich Mean Time)	Car DisConnected (Greenwich Mean Time)	Energy (kWh)	Amount (ex.VAT) (GBP)	VAT (%)	Total (inc.VAT) (GBP)
Terry Arnold	West Barn Easee Key 1 Red	2023-04-22 10:26	2023-04-22 10:31	0.4	0.11	20	0.13
Terry Arnold	West Barn Easee Key 1 Red	2023-04-22 10:38	2023-04-22 10:38	0	0.01	20	0.01
Terry Arnold	West Barn Easee Key 2 Black	2023-04-22 10:41	2023-04-22 10:51	0.7	0.17	20	0.21
Terry Arnold	West Barn Easee Key 3 Y/G	2023-04-22 10:54	2023-04-22 10:56	0.3	0.07	20	0.09
Terry Arnold	West Barn Easee Key 2 Black	2023-04-22 10:57	2023-04-22 18:16	10.6	2.64	20	3.17

**How to release your cable if it is stuck in the charger** - The plug would normally be unlocked at the end of a charging session. However if it remains locked - When charging has been stopped - Press and hold the small raised 'Dot' at the top of the LED strip for 5 seconds and there should be a click sound and the cable should release.

# What do the different colors on the light strip mean?

 All of the light strips shown here are turned sideways to fit on the page. The left side of the illustration is the bottom of the LED strip.

## Normal light strip displays

- Standby. The charger will show two white LEDs



- Car connected. If there is no smart charging enabled, it will be all white. If smart charging is enabled, then the LEDs will all show blue.



- Charging in progress. If there is no smart charging enabled, it will pulse all white. If smart charging is enabled, then the LEDs will all pulse blue.



- Waiting for authentication. (Hold your RFID tag at the wireless-symbol on the "nose" of the charger to authenticate and initiate the charging)



flashing

- RFID tag received. (Awaiting key verification from backend system)



flashing

## Error light strip displays

There are three main causes for the charger to give a solid red light:



- Ground fault in the cable or car.
- The car reacts negatively to something in the power grid. (Can be in the house or in the neighborhood)
- The charger has detected other abnormalities.