



Brochure
Temes Power Charger 60 kW



Temes 60 kW Power Charger – Product Versions

Wallbox Version

Stationary Version

Mobile Version

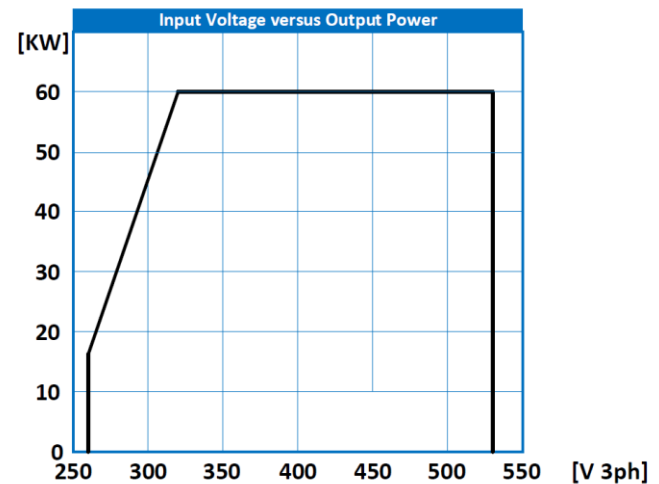
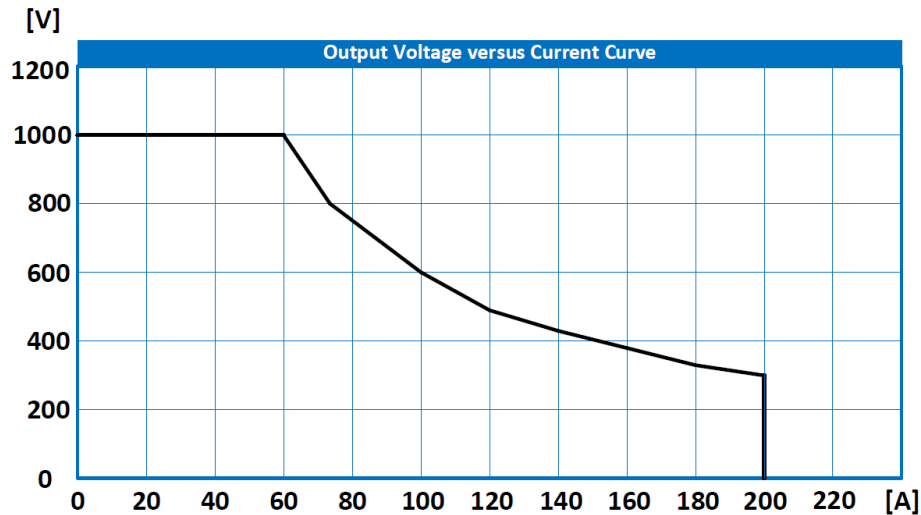


Picture will follow!

Charger Configurations and Power Curves



CCS1	CCS2	GBT	CHADEMO
CCS1	CCS2	GBT	CHAdeMO
CCS1+CHAdeMO	CCS2+CHAdeMO	GBT+GBT	CHAdeMO+CCS1
CCS1+CCS1	CCS2+CCS2	GBT+CCS1	CHAdeMO+CCS2
CCS1+GBT	CCS2+GBT	GBT+CCS2	CHAdeMO+GBT
		GBT+CHAdeMO	



Technical Data & Highlights	
Continuous Charging Voltage	150 - 1000 V DC
Continuous Charging Power	60 kW 60A/1000V, 80A/750V, 120A/500V, 200A/300V
Mechanical Protection	IP 54, erlaubt den Betrieb im Freien, IK10
Standards	DIN70121, ISO15118 UL2202, CE, EN61000-6-6/EN61000-6-1 ClassB; EN61851-1...-23,..-24 VDE-AR-N 4105, UL1741SA/SB, G99
Operational Temperature	Full output power from – 20°C to 45°C; above, power derating 5% / °C
Efficiency	≥ 0.94 %
Power Factor	≥ 0.99
User friendly Operation	7 “ touch screen Display
Multiple Charging Programs	Auto-Charge, Time-Charge, Fee-Charge, Energy-Charge, SOC-Charge (Capacity Charge, e.g. up to 80% of battery capacity)
Extensive Safety Means	Output fuses, Contactors, Emergency off circuit, SPD (Surge Protection Device), Ground Fault Detection, Insulation monitoring and Software control
OCPP	1.6J, 2.0 from Y 2023
Options	Connection to a master controller, LTE wireless modem support, RFID authorizing and payment, mobile APPs, Charge cable extension up to 10 meters

- Charging of all kinds of electric vehicles (cars, buses, commercial vehicles etc.)
- Private households or public
- Car/Bus OEM
- R&D Labs
- Fleet operation and charging management
- Employee charging (RFID)

Each Temes Charger can be equipped with an W-LAN interface as an option.

Once the IP Address and User Data are entered in the browser, the following functions and features are available:

- Display of all actual unit information
- Setting of all relevant parameters
- History, fault and event data
- Software update
- Interface to a master controller (grid protection, fleet management, VIP-charging, RFID interface)

Optional W-LAN Interface – Home Page

Charger Web Management Sys X +

192.168.201.179/manage/home

Meistbesucht 1&1 Services Zimbra 1&1 Services 1&1 Services LondonTube - Micros... Weitere Lesezeichen

System DateTime(UTC1):2021-02-05 14:05:44 Sync System DateTime for Charger

Engineer

- Charger System
- Detailed Info
- Param Set
- Manual Ctrl
- Data Service
- Quit

System Available Status	Charger has Alarm	Server Comm Fail
Available	Abnormal(1)	Abnormal

Software Version	CCU Firmware Version	Power Modules
V2.00.c17T03, A01	5019A10	3.100, 3.050

Total Energy **47.2**

Total Charged Times **3**

Per Week(kWh) All

Day	Total Energy (kWh)
Sunday	0
Monday	0
Tuesday	0
Wednesday	0
Thursday	~2
Friday	47.2
Saturday	0

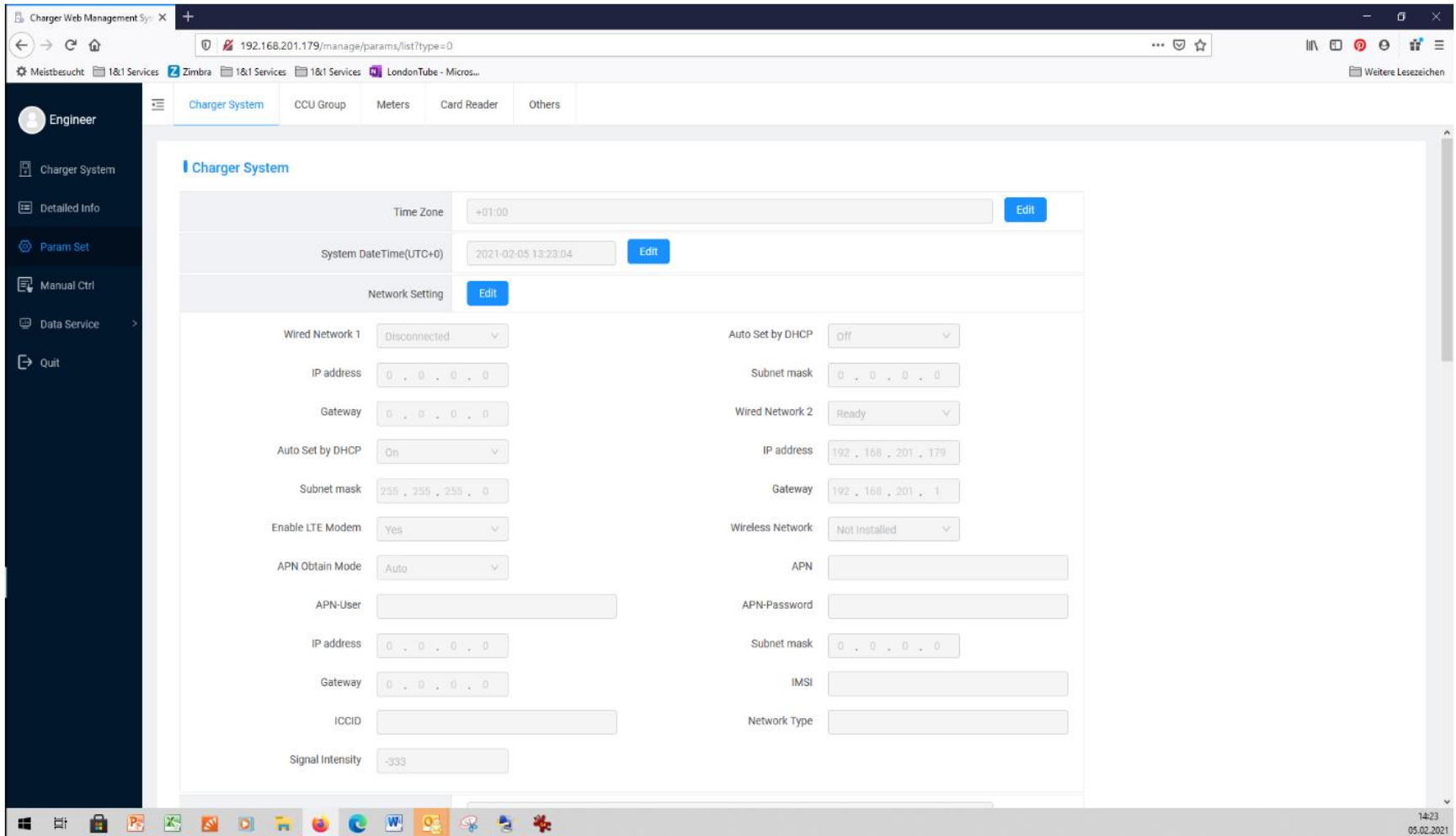
Idle

DC1, CCS-2

Total Output Power

14:05 05.02.2021

Optional W-LAN Interface – Parameter Setting

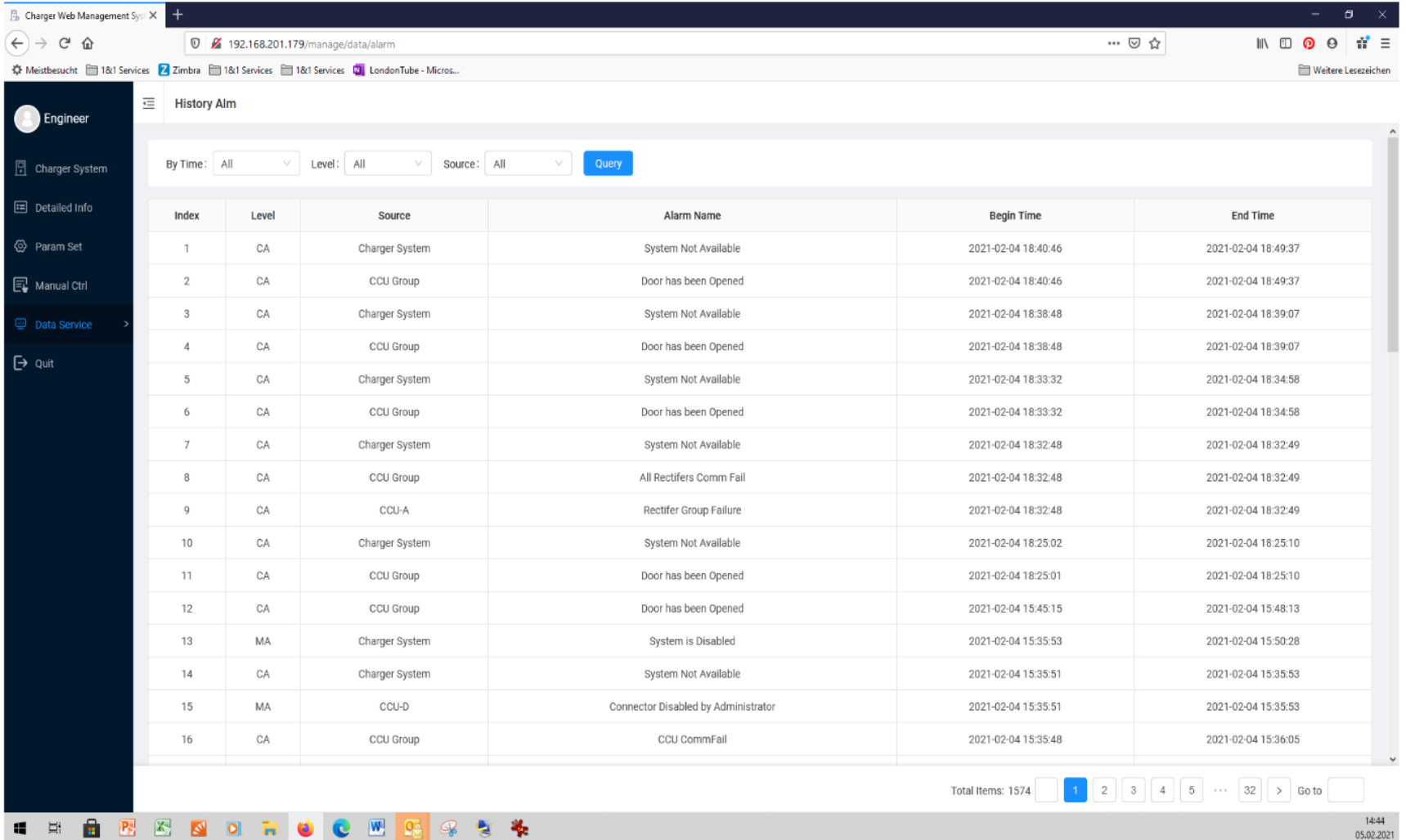


The screenshot displays the 'Charger System' configuration page in a web browser. The browser address bar shows the URL `192.168.201.179/manage/params/list?type=0`. The page features a dark sidebar on the left with navigation options: Engineer, Charger System, Detailed Info, Param Set, Manual Ctrl, Data Service, and Quit. The main content area is titled 'Charger System' and contains several configuration sections:

- Time Zone:** Set to `+01:00` with an `Edit` button.
- System DateTime(UTC+0):** Set to `2021-02-05 13:23:04` with an `Edit` button.
- Network Setting:** A section with an `Edit` button.
- Wired Network 1:** Status is `Disconnected`. Fields include IP address (0.0.0.0), Gateway (0.0.0.0), Auto Set by DHCP (On), Subnet mask (255.255.255.0), and Enable LTE Modem (Yes).
- Wired Network 2:** Status is `Ready`. Fields include IP address (192.168.201.179), Gateway (192.168.201.1), and Auto Set by DHCP (Off).
- Wireless Network:** Status is `Not Installed`. Fields include APN, APN-Password, Subnet mask (0.0.0.0), IMSI, and Network Type.
- APN Obtain Mode:** Set to `Auto`.
- APN-User:** Empty text field.
- IP address:** Empty text field.
- Gateway:** Empty text field.
- ICCID:** Empty text field.
- Signal Intensity:** Set to `-333`.

The Windows taskbar at the bottom shows the system time as 14:23 on 05.02.2021.

Optional W-LAN Interface – History Data



By Time: Level: Source:

Index	Level	Source	Alarm Name	Begin Time	End Time
1	CA	Charger System	System Not Available	2021-02-04 18:40:46	2021-02-04 18:49:37
2	CA	CCU Group	Door has been Opened	2021-02-04 18:40:46	2021-02-04 18:49:37
3	CA	Charger System	System Not Available	2021-02-04 18:38:48	2021-02-04 18:39:07
4	CA	CCU Group	Door has been Opened	2021-02-04 18:38:48	2021-02-04 18:39:07
5	CA	Charger System	System Not Available	2021-02-04 18:33:32	2021-02-04 18:34:58
6	CA	CCU Group	Door has been Opened	2021-02-04 18:33:32	2021-02-04 18:34:58
7	CA	Charger System	System Not Available	2021-02-04 18:32:48	2021-02-04 18:32:49
8	CA	CCU Group	All Rectifiers Comm Fail	2021-02-04 18:32:48	2021-02-04 18:32:49
9	CA	CCU-A	Rectifier Group Failure	2021-02-04 18:32:48	2021-02-04 18:32:49
10	CA	Charger System	System Not Available	2021-02-04 18:25:02	2021-02-04 18:25:10
11	CA	CCU Group	Door has been Opened	2021-02-04 18:25:01	2021-02-04 18:25:10
12	CA	CCU Group	Door has been Opened	2021-02-04 15:45:15	2021-02-04 15:48:13
13	MA	Charger System	System is Disabled	2021-02-04 15:35:53	2021-02-04 15:50:28
14	CA	Charger System	System Not Available	2021-02-04 15:35:51	2021-02-04 15:35:53
15	MA	CCU-D	Connector Disabled by Administrator	2021-02-04 15:35:51	2021-02-04 15:35:53
16	CA	CCU Group	CCU CommFail	2021-02-04 15:35:48	2021-02-04 15:36:05

Total Items: 1574 ...

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