



Lettura cicli di carica della batteria

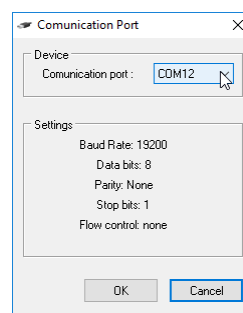
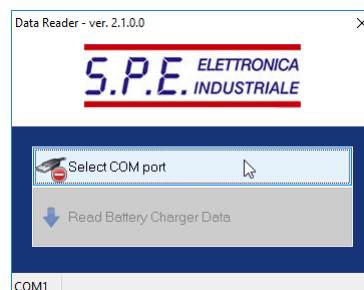
Per leggere i cicli di carica registrati dal caricabatteria (CB), collegare il cavo per lo scarico dati ad una porta libera USB del PC, accendere il CB, collegare il connettore di tipo JACK al CB.

La prima volta che il cavo viene collegato alla porta USB del PC, potrebbe essere necessario installare il driver di funzionamento; per l'installazione occorre avere una connessione ad Internet funzionante.

Collegare il cavo di comunicazione ad una porta USB libera del PC.

Accendere il CB, eseguire sul PC il programma **SPE_Reader.EXE**.

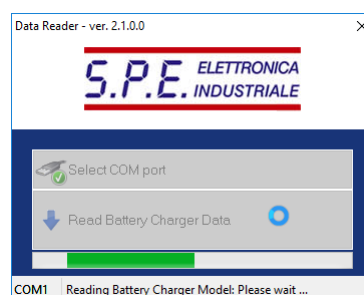
Premere il bottone "**Select COM port**", nella finestra che compare selezionare la porta relativa al cavo USB e premere OK.



Premere il bottone "**Read Battery Charger Data**" per scaricare i cicli di carica del CB.

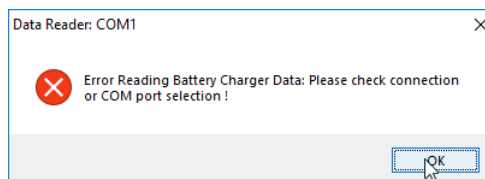


Inizia la procedura di lettura dei dati dal CB.



In caso di errore di comunicazione, compare la finestra di errore.
In questo caso:

- verificare che il CB sia acceso,
- verificare che il cavo sia collegato in una porta USB del PC,
- verificare che il cavo sia collegato nella presa jack del CB,
- verificare che la porta di comunicazione selezionata sia corretta.



Al termine, compare il report: in alto a sinistra sono visualizzati il modello del CB, il firmware, la configurazione attuale; in alto a destra sono visualizzati il numero di cicli totali di carica, il numero di cicli completi, il numero di cicli incompleti. Nella parte bassa compaiono gli ultimi cicli di carica registrati (numero massimo 100 cicli); per ogni ciclo compare il numero (ID), la configurazione selezionata, la durata (in ore e minuti), la capacità (in Ah), gli eventuali errori durante la carica. In basso sulla sinistra il bottone per esportare il report in un file di testo, sulla destra il bottone per chiudere il report.

Report

Model: CBHD1
Firmware: 007-011-002
Configuration: 24V 2.5A IUIa AGM DISCOVER

Total cycles: 53
Complete cycles: 15
Incomplete cycles: 38

ID	Configuration	Time [h.m]	Capacity [Ah]	Error
53	24V 2.5A IUIa AGM DISCOVER	-	-	Incomplete charge / Phase 0
52	24V 2.5A IUIa AGM DISCOVER	-	-	Incomplete charge / Phase 0
51	24V 2.5A IUIa AGM DISCOVER	-	-	Incomplete charge / Phase 0
50	24V 2.5A IUIa AGM DISCOVER	-	-	Incomplete charge / Phase 0
49	24V 2.5A IUIa AGM DISCOVER	-	-	Incomplete charge / Phase 0
48	24V 2.5A IUIa AGM DISCOVER	-	-	Incomplete charge / Phase 0
47	24V 2.5A IUIa AGM DISCOVER	-	-	Incomplete charge / Phase 0
46	24V 2.5A IUIa AGM DISCOVER	-	-	Incomplete charge / Phase 0
45	24V 2.5A IUIa AGM DISCOVER	0.0	0.0	Over Temperature / Phase 0
44	24V 2.5A IUIa AGM DISCOVER	0.0	0.0	Over Temperature / Phase 0
43	24V 2.5A IUIa AGM DISCOVER	0.0	0.0	Over Temperature / Phase 0
42	24V 2.5A IUIa AGM DISCOVER	-	-	Incomplete charge / Phase 0
41	24V 2.5A IUIa AGM DISCOVER	-	-	Incomplete charge / Phase 0
40	24V 2.5A IUIa AGM DISCOVER	0.0	0.0	Over Temperature / Phase 0
39	24V 2.5A IUIa AGM DISCOVER	0.0	0.0	Over Temperature / Phase 0
38	24V 2.5A IUIa AGM DISCOVER	0.0	0.0	Over Temperature / Phase 0
37	24V 2.5A IUIa AGM DISCOVER	-	-	Incomplete charge / Phase 0

Export to TXT Close

Il file di report contiene la data di creazione e tutte le informazioni visualizzate nel report a video.

Report.TXT - Blocco note

File Modifica Formato Visualizza ?

Report created : 31/08/2018 - 10:31:22

Model: CBHD1
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ID	Config	Time[h.m]	Capacity[Ah]	Error
53	24V 2.5A IUIa AGM DISCOVER	-	-	Incomplete charge / Phase 0
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37	24V 2.5A IUIa AGM DISCOVER	-	-	Incomplete charge / Phase 0
36	24V 2.5A IUIa AGM DISCOVER	0.0	0.0	Over Temperature / Phase 0
35	24V 2.5A IUIa AGM DISCOVER	-	-	Incomplete charge / Phase 0
34	24V 2.5A IUIa AGM DISCOVER	0.0	0.0	Over Temperature / Phase 0
33	24V 2.5A IUIa AGM DISCOVER	-	-	Incomplete charge / Phase 0
32	24V 2.5A IUIa AGM DISCOVER	-	-	Incomplete charge / Phase 0
31	24V 2.5A IUIa AGM DISCOVER	-	-	Incomplete charge / Phase 0
30	24V 2.5A IUIa AGM DISCOVER	0.28	3,5	None
29	24V 2.5A IUIa AGM DISCOVER	0.10	1,0	None
28	24V 2.5A IUIa AGM DISCOVER	0.54	4,8	None
27	24V 2.5A IUIa AGM DISCOVER	0.9	0,7	None
26	24V 2.5A IUIa AGM DISCOVER	-	-	Incomplete charge / Phase 0
25	24V 2.5A IUIa AGM DISCOVER	-	-	Incomplete charge / Phase 0
24	24V 2.5A IUIa AGM DISCOVER	-	-	Incomplete charge / Phase 0
23	24V 2.5A IUIa AGM DISCOVER	-	-	Incomplete charge / Phase 0

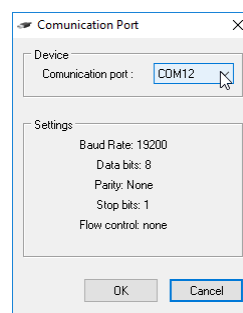


S.P.E. charging cycles reader

S.P.E. chargers allow to download charging cycles. In order to read these data, connect the data cable to a free USB port on the PC, switch on the charger, plug the JACK connector to the charger. At the first connection it may be required to install the software driver. For this operation, it is necessary to have a working internet connection.

Connect the TTL-232R-5V-AJ cable to a free USB port on the PC.
Turn on the charger, run **SPE_Reader.EXE** program on the PC.

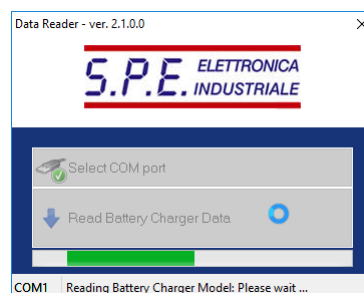
Click on **Configure COM port** and select the communication port of the USB cable, then click OK.



Click on **Read Battery Charger Data** to download charging cycles of the charger.



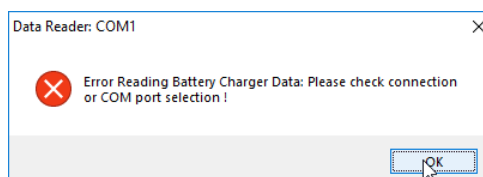
Data reader procedure starts.



In case of communication errors, an error window appears.

Check and verify that:

- the charger is switched on;
- the cable is connected to a USB port on the PC;
- the cable is connected to the JACK connector of the charger;
- communication port selected is correct.



At the end of the process, the report window will appear:
 charger model, firmware and configuration can be found on the top left, total cycles, complete and incomplete cycles can be found on the top right of the window.
 Last charging cycles (max. 100 cycles) show progressive number (ID), configuration, charging time (hours, minutes), capacity (Ah), errors if present.
 On the bottom of the window it is possible to export the report in txt file and close the report.

Report				
Model: CBHD1			Total cycles: 53	
Firmware: 007-011-002			Complete cycles: 15	
Configuration: 24V 2.5A IUIa AGM DISCOVER			Incomplete cycles: 38	
ID	Configuration	Time [h.m]	Capacity [Ah]	Error
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Export to TXT Close

The report text file contains creation date and every information of the previous window.

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