

AMTEK

SMART  **CHARGE**
LOCKER

Locker for PDA management

a **CUSTOM** Company

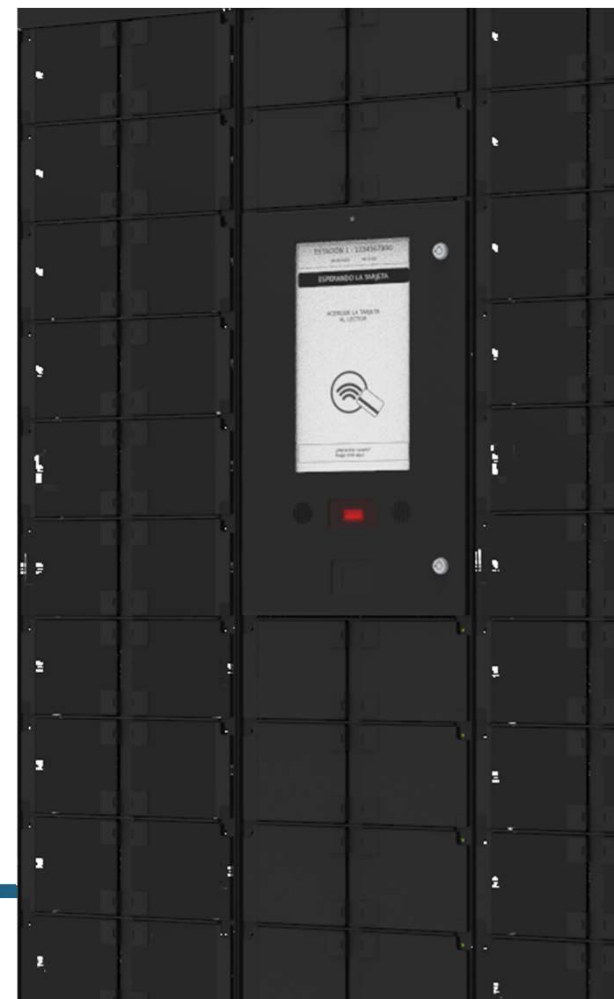
The Recharge Locker can be installed in logistics areas, allowing operators to select a device at the beginning of their shift and return it at the end of the working day.

The recharge locker manages the charging of each deposited device that is stationed in the locker.

To collect and return the device, the user must identify themselves by using a barcode or RFID technology.

If the device is faulty, the user can enter comments on its status.

The system must be connected to a network to send alerts.



Smart Charge Locker Master

Smart Charge Locker Slave

HEIGHT OF THE FIRST
COMPARTMENT CM ~35



HEIGHT OF THE LAST
COMPARTMENT CM ~170



The recharge locker allows users to collect and return mobile devices.
In the event of a device operating abnormally, the user can report the problem on the touch screen and the system will quarantine the device.



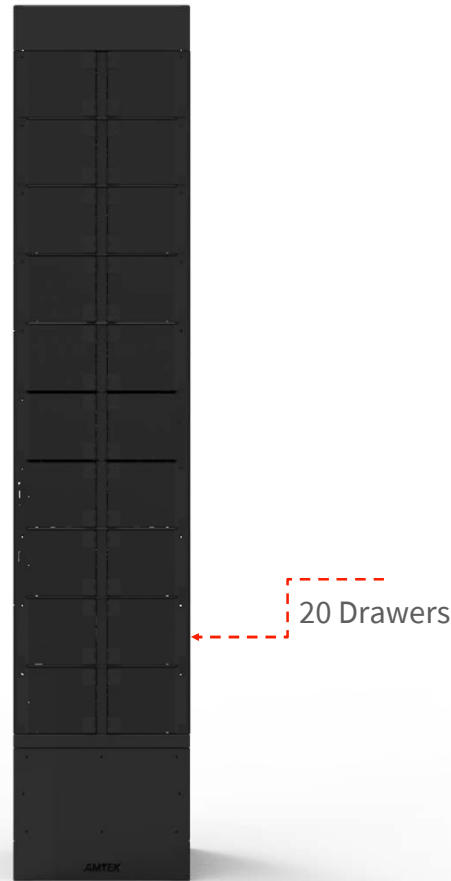
Maximum ease of configuration
to adapt to any need



Recharge Locker Master



Recharge Locker Slave

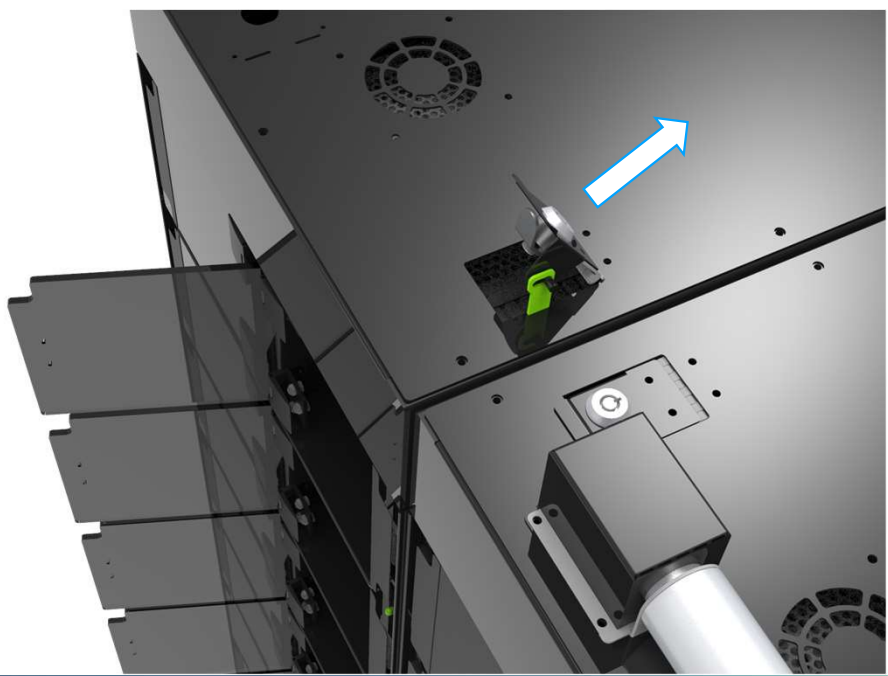


EMERGENCY MANUAL
OPENING OF LH
COMPARTMENTS

MANUAL EMERGENCY OPENING
OF RH COMPARTMENTS



Each cabinet has an emergency door opening system protected by a key that can be used in the event of a power failure or malfunction.



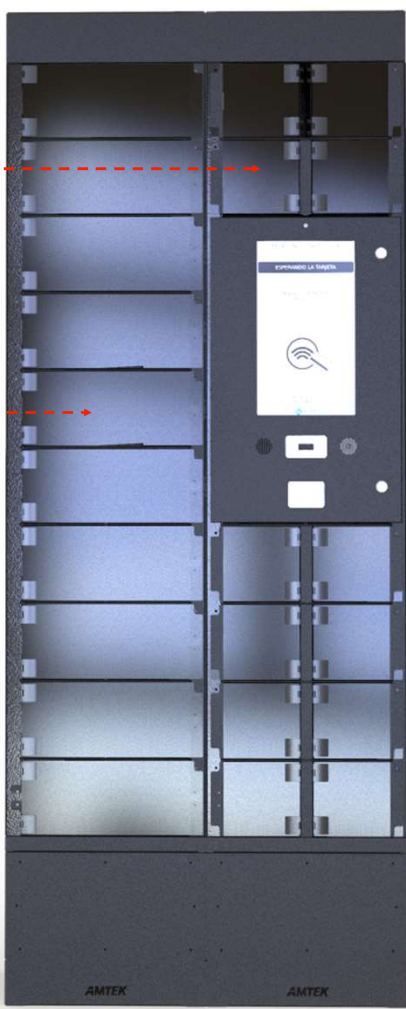
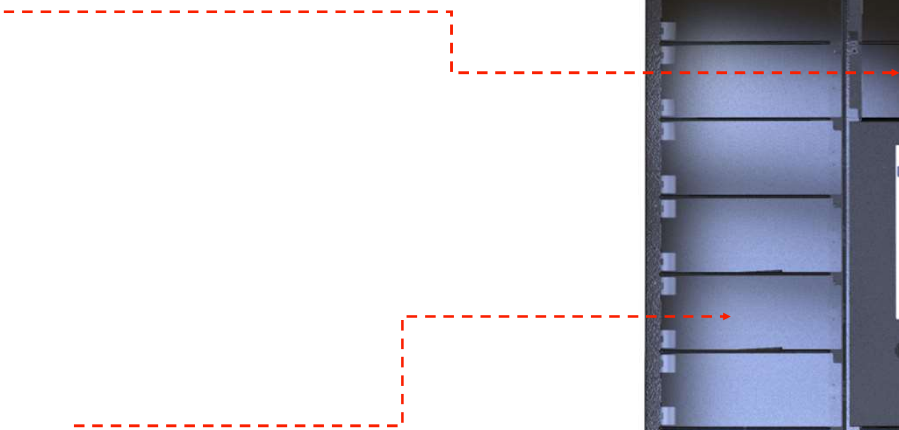
Small Drawer Dimensions

HEIGHT: 15 Cm
LENGTH: 15 Cm
DEPTH: 38 Cm



Medium Drawer Dimensions

HEIGHT: 15 Cm
LENGTH: 30 Cm
DEPTH: 38 Cm



Structure available in 2 colours

White Version



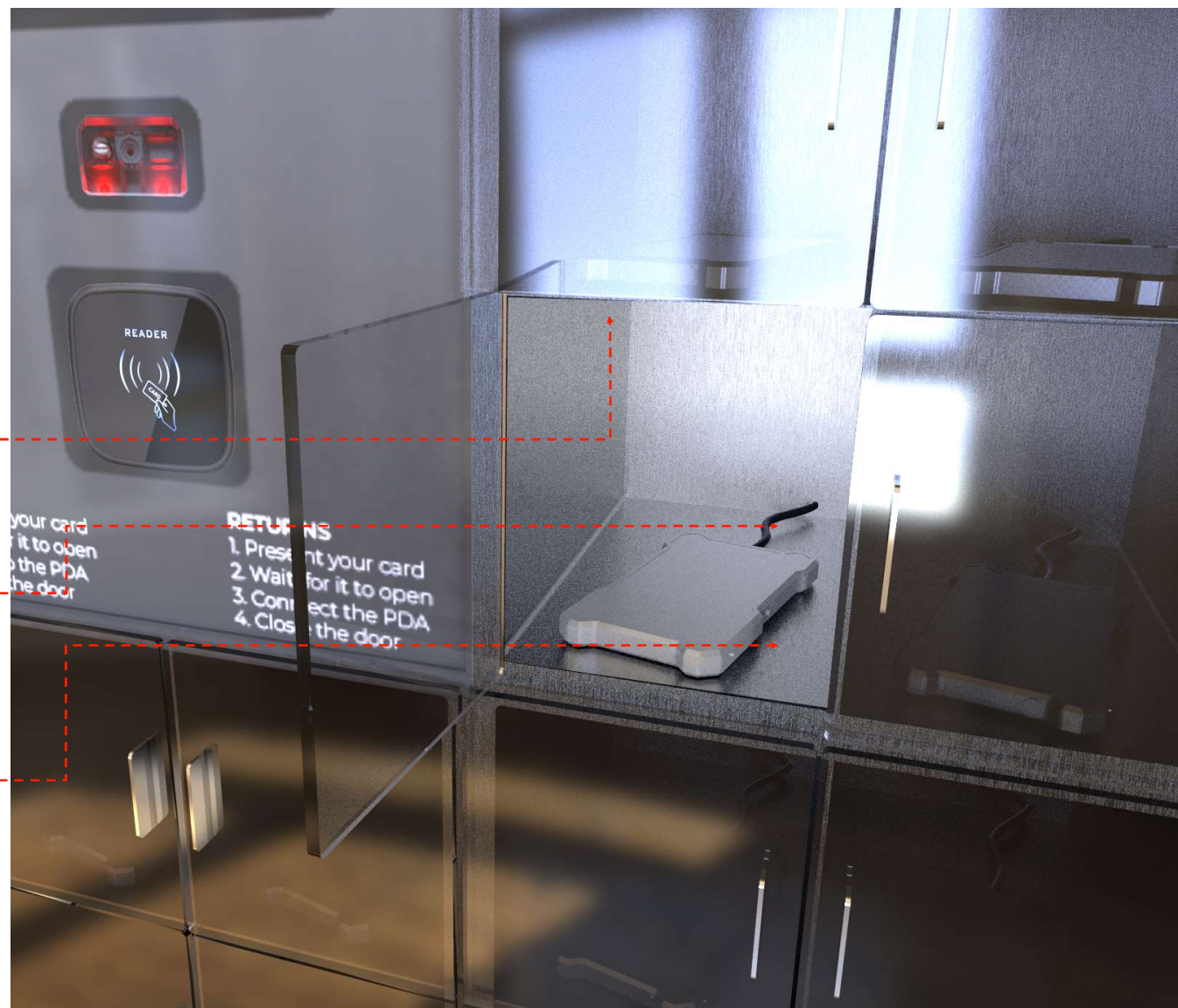
Black Version



Internal light to facilitate
pick-up and return operations

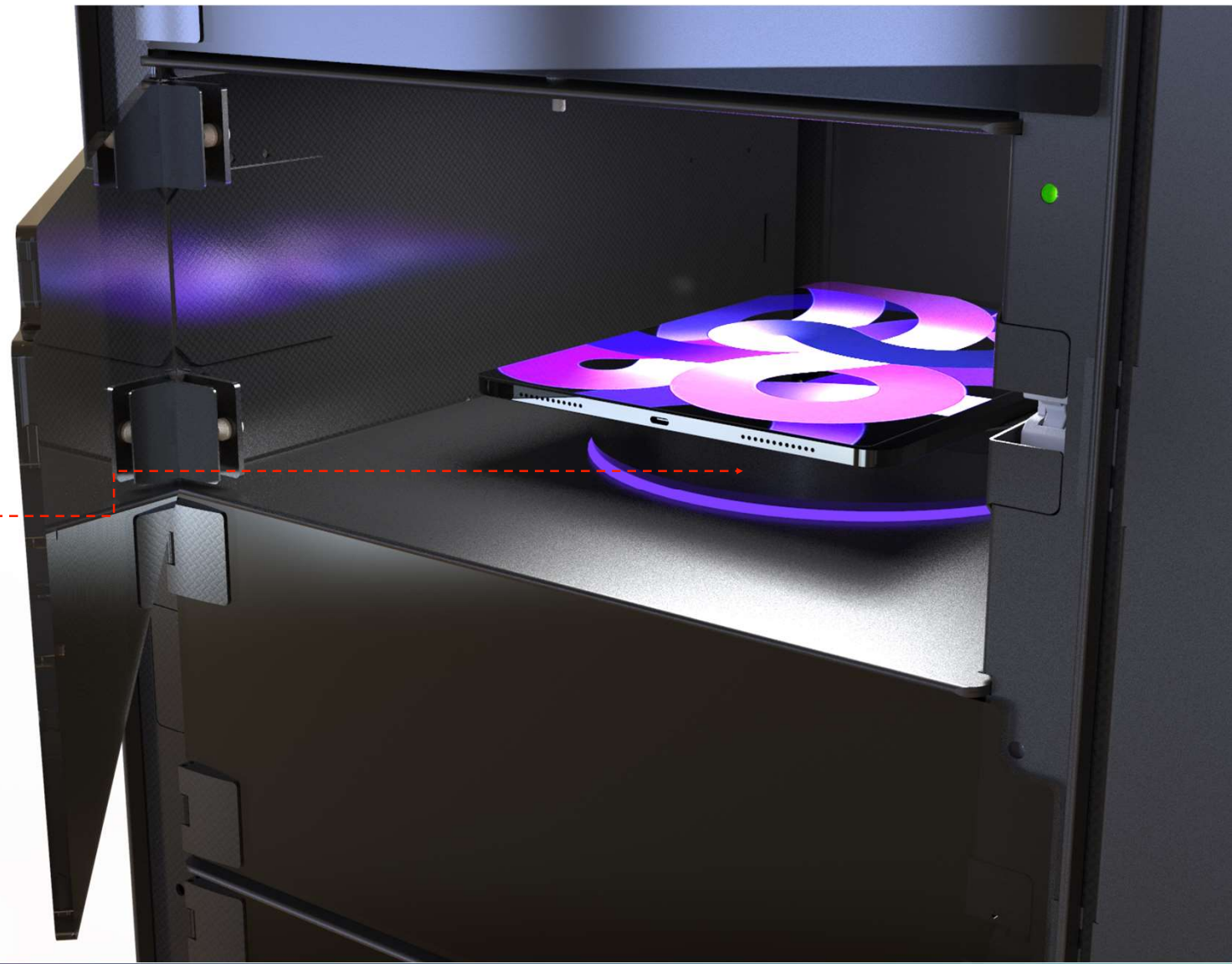
Charging cable with safety lock

Transparent Polycarbonate Smoked Door
for maximum safety of use



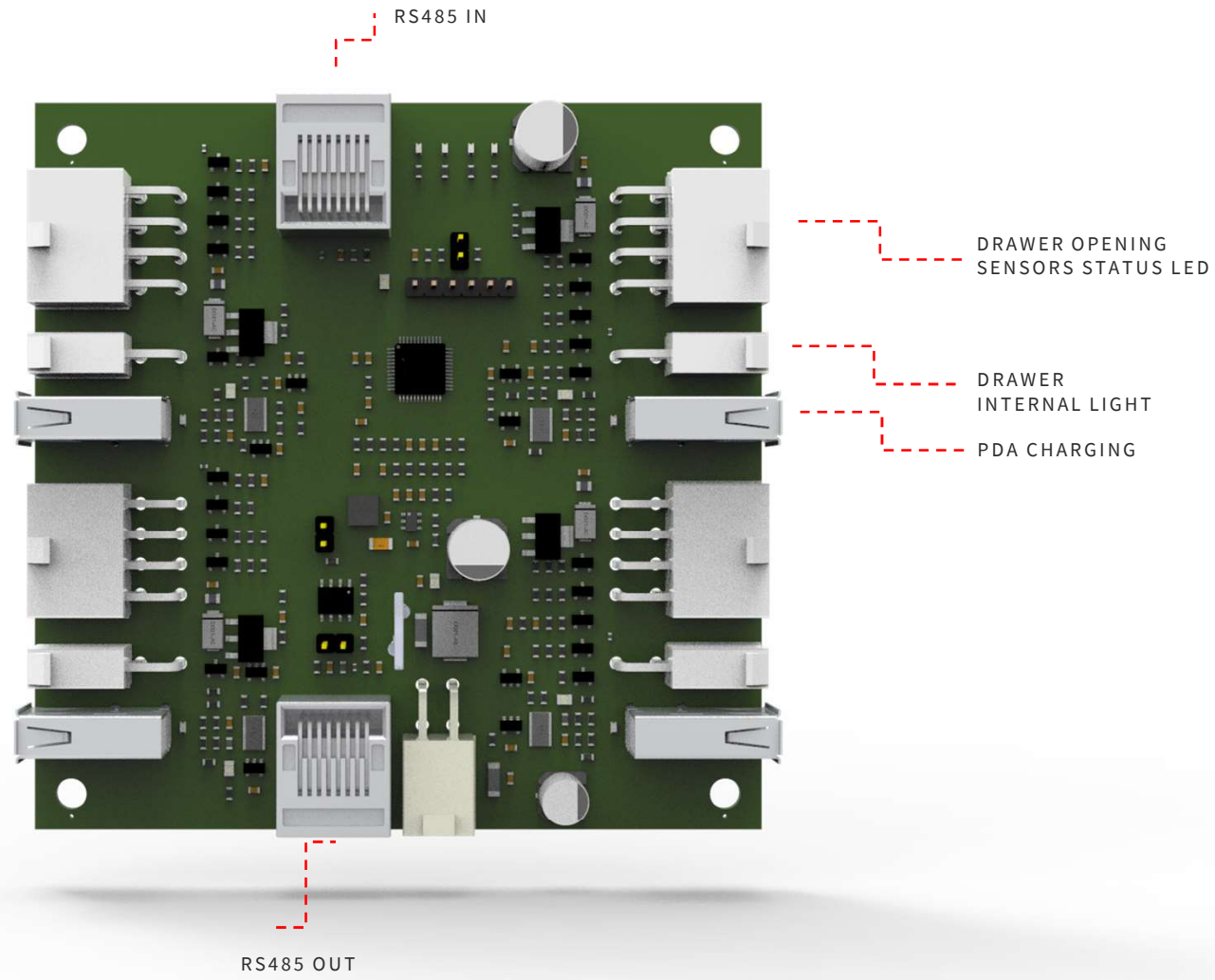
Wireless charging module for tablets

Device of wireless charging



CPU BOARD

Each cpu board manages 4 compartments and for each compartment manages pda recharging, door opening, status sensors, internal lights, status leds and communication with the computer.



Load measurement always under control



date	mA_1	mA_2	mA_3
2023-09-25 14:02:34	0	0	0
2023-09-25 14:07:34	0	0	0
2023-09-25 14:12:34	0	0	0
2023-09-25 14:17:34	1254	1303	1346
2023-09-25 14:24:37	1253	1290	1320
2023-09-25 14:29:37	1250	1255	1300
2023-09-25 14:36:56	1254	1229	1273
2023-09-25 14:41:56	1248	1230	1280
2023-09-25 14:46:56	1230	1219	1263
2023-09-25 14:51:56	1250	1225	1254
2023-09-25 14:56:56	1232	1211	1242
2023-09-25 15:01:56	1223	1191	1246
2023-09-25 15:06:56	1229	1177	1213
2023-09-25 15:11:56	1239	1191	1219
2023-09-25 15:16:56	1203	1194	1232
2023-09-25 15:21:56	1206	1168	1215
2023-09-25 15:26:56	1183	1167	1197
2023-09-25 15:31:56	1186	1162	1191
2023-09-25 15:36:56	1161	1136	1187
2023-09-25 15:41:56	1157	1142	1194
2023-09-25 15:46:56	1175	1192	1166
2023-09-25 15:51:56	1139	1127	1163
2023-09-25 15:56:56	1140	1102	1156
2023-09-25 16:01:56	1119	1092	1116
2023-09-25 16:06:56	1112	1073	1154
2023-09-25 16:11:56	1082	1065	1138
2023-09-25 16:16:56	1069	1048	1142
2023-09-25 16:21:56	1062	1049	1111
2023-09-25 16:26:56	1043	1026	1115
2023-09-25 16:31:56	1044	994	1082

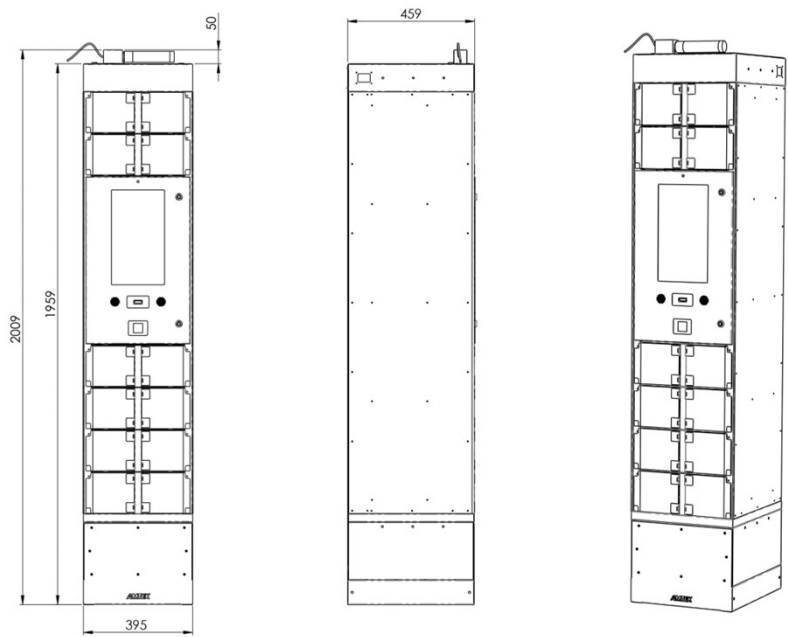
date	mA_1	mA_2	mA_3
2023-09-25 16:36:56	1029	1001	1091
2023-09-25 16:41:56	994	980	1093
2023-09-25 16:46:56	991	948	1072
2023-09-25 16:51:56	1044	944	1044
2023-09-25 16:56:56	946	931	1075
2023-09-25 17:01:56	949	899	1047
2023-09-25 17:06:56	840	784	1055
2023-09-25 17:11:56	731	693	1042
2023-09-25 17:16:56	649	620	1043
2023-09-25 17:21:56	579	550	1043
2023-09-25 17:26:56	508	484	960
2023-09-25 17:31:56	453	435	847
2023-09-25 17:36:56	410	395	791
2023-09-25 17:41:56	377	359	685
2023-09-25 17:46:56	331	344	600
2023-09-25 17:51:56	297	298	541
2023-09-25 17:56:56	276	274	482
2023-09-25 18:01:56	246	257	471
2023-09-25 18:06:56	228	225	402
2023-09-25 18:11:56	208	211	364
2023-09-25 18:16:56	193	192	330
2023-09-25 18:21:56	178	180	298
2023-09-25 18:26:56	4	178	278
2023-09-25 18:31:56	33	27	252
2023-09-25 18:36:56	29	143	214
2023-09-25 18:41:56	29	16	221
2023-09-25 18:46:56	27	13	192
2023-09-25 18:51:56	36	21	196
2023-09-25 18:56:56	0	35	39

date	mA_1	mA_2	mA_3
2023-09-25 19:01:56	28	0	26
2023-09-25 19:06:56	0	38	176
2023-09-25 19:11:56	19	11	33
2023-09-25 19:16:56	14	0	33
2023-09-25 19:21:56	42	36	30
2023-09-25 19:26:56	141	39	80
2023-09-25 19:31:56	173	45	157
2023-09-25 19:36:56	150	74	16
2023-09-25 19:41:56	44	25	36
2023-09-25 19:46:56	46	34	174
2023-09-25 19:51:56	34	163	40
2023-09-25 19:56:56	41	28	44
2023-09-25 20:01:56	26	146	159
2023-09-25 20:06:56	0	32	9
2023-09-25 20:11:56	14	110	23
2023-09-25 20:16:56	18	173	11
2023-09-25 20:21:56	0	33	38
2023-09-25 20:26:56	28	19	23
2023-09-25 20:31:56	0	32	47
2023-09-25 20:36:56	0	12	0
2023-09-25 20:41:56	0	23	42
2023-09-25 20:46:56	30	15	41
2023-09-25 20:51:56	0	33	15
2023-09-25 20:56:56	12	0	52
2023-09-25 21:01:56	32	26	0
2023-09-25 21:06:56	29	27	0
2023-09-25 21:11:56	146	4	39
2023-09-25 21:16:57	25	31	32
2023-09-25 21:21:57	8	26	10

date	mA_1	mA_2	mA_3
2023-09-25 21:26:57	36	22	7
2023-09-25 21:31:57	26	21	39
2023-09-25 21:36:57	9	0	153
2023-09-25 21:41:57	12	4	29
2023-09-25 21:46:57	0	79	7
2023-09-25 21:51:57	6	29	0
2023-09-25 21:56:57	37	34	41
2023-09-25 22:01:57	62	24	10
2023-09-25 22:06:57	39	200	0
2023-09-25 22:11:57	11	23	151
2023-09-25 22:16:57	8	28	45
2023-09-25 22:21:57	149	38	0
2023-09-25 22:26:57	37	18	41
2023-09-25 22:31:57	31	14	46
2023-09-25 22:36:57	4	29	13
2023-09-25 22:41:57	31	23	0
2023-09-25 22:46:57	5	11	36
2023-09-25 22:51:57	4	0	12
2023-09-25 22:56:57	202	30	41
2023-09-25 23:01:57	174	32	42
2023-09-25 23:06:57	0	9	22
2023-09-25 23:11:57	6	28	27
2023-09-25 23:16:57	11	27	28
2023-09-25 23:21:57	16	28	158
2023-09-25 23:26:57	142	31	39
2023-09-25 23:31:57	0	0	0

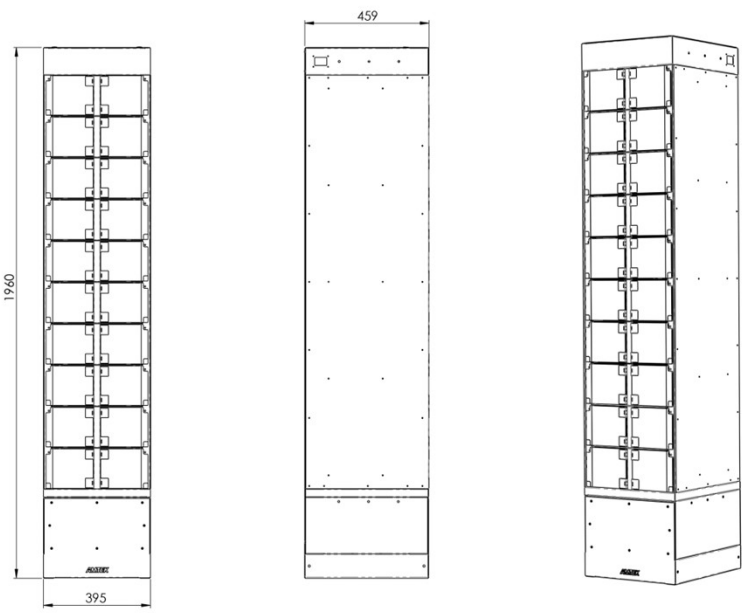
Smart Charge Locker Master

HEIGHT: 196 Cm - LENGTH: 39,5 Cm - DEPTH: 45,9 Cm



Smart Charge Locker Slave

HEIGHT: 196 Cm - LENGTH: 39,5 Cm - DEPTH: 45,9 Cm



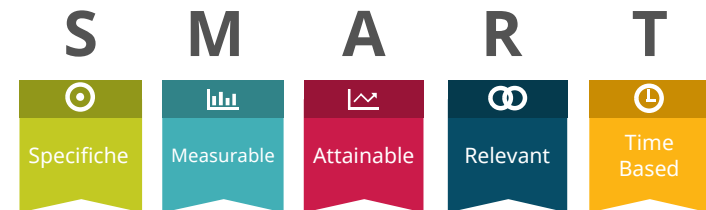
Smart Charge Locker – Models & Code

CODE	DESCRIPTION
9C1PD010100070	SMART CHARGE LOCKER MASTER 12 WHITE
9C1PD010100060	SMART CHARGE LOCKER MASTER 12 BLACK
9C1PD020100080	SMART CHARGE LOCKER SLAVE 20 WHITE
9C1PD020100070	SMART CHARGE LOCKER SLAVE 20 BLACK
9C1PD010100080	SMART CHARGE LOCKER MASTER 6 WHITE
9C1PD010100090	SMART CHARGE LOCKER MASTER 6 BLACK
9C1PD020100090	SMART CHARGE LOCKER SLAVE 10 WHITE
9C1PD020100100	SMART CHARGE LOCKER SLAVE 10 BLACK
9SPSW210000010	SMART CHARGE LOCKER SW LICENCE 5 LOCKERS
93CHB031300J88	Industrial 3G/4G router kit
976ZZ010000206	TRAFFIC LIGHT
9S0SW220600010	Maintenance fee 2nd. Year

Smart Charge Locker = Smart Management System

Front Office Application

- Access control with different functionalities at user level (Operator, Supervisor and Administrator)
- Very fast pick up of the devices (average 10 secs) and return (20 secs)
- Complete operational in stand-alone mode (without Back Office connection)
- Full traceability of the unique device identification, knowing at every moment if the device is in the locker or has been taken by an authorised user
- Operators can register any incident with the device, transmitting that data to the ADMIN users on a scheduled timer
- Visual, audible and on-line alarms in case any incident happens
- Ensures that the operational flow is always kept, always ensuring 100% successful procedures
- Test & Status of all the HW elements, including firmware, locks, led, power supply, etc.

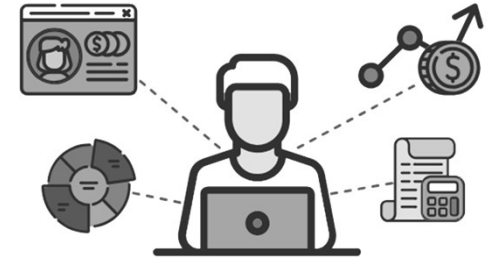


Smart Charge Locker = Smart Management System

Back office application

- Users: roles, types and listing
- E-mail lists for sending the different alerts of the system
- List of historic events, with different filters like
 - Timestamp
 - User ID, Card IDID
 - Device Unique Identifier Number
 - Type of event (Pickup, return, return with incidence, login, system failure, initial filling of the locker, cron, Backoffice changes, etc.

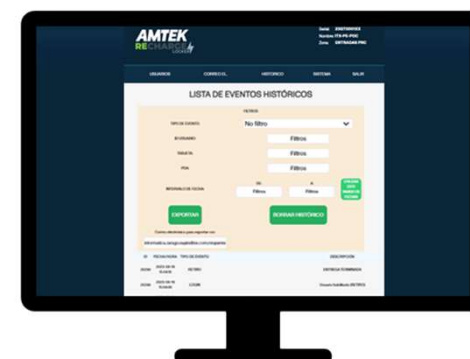
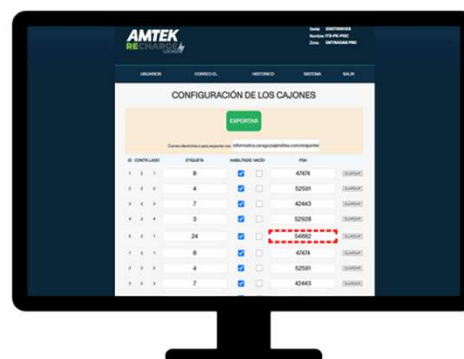
- System configuration:
 - a) General configuration, such as recharge time, power supply time, maximum operation time (shift control), stop light configuration, area configuration
 - b) Locker status, total number of devices OK, KO, in charging process, in use



Smart Charge Locker = Smart Management System

Back office application

- Testing of all the HW components
- Situation of each drawer, drawer identification, enabled/disabled, empty/full, device serial number, if incidence declared disabled and marked
- Definition of the typology of possible failures to be declared in the return process in the FO
- Alarm/alerts produced and not yet transmitted
- History of all the alarms produced
- Export of all the files/locker information to a specific e-mail or e-mail list



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