

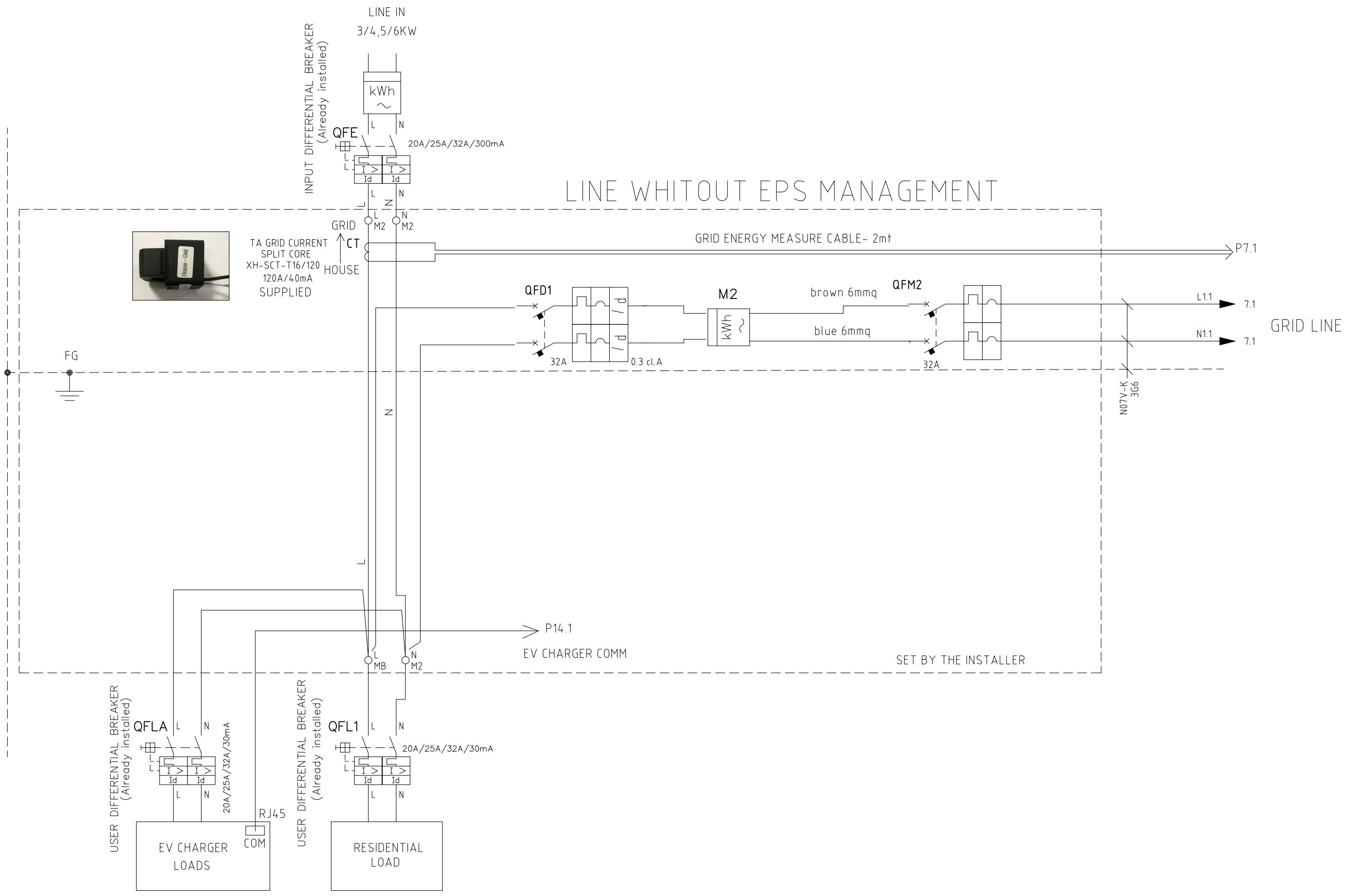
ATON GREEN STORAGE + ATON Srl																																																								
H.STORE3K2SXXL—XXX H.STORE4K2SXXL—XXX H.STORE5K2SXXL—XXX H.STORE6K2SXXL—XXX																																																								
Storage photovoltaic system : electric board Control board : ATN830																																																								
<table><tr><td colspan="6">BATTERY TYPE</td><td colspan="2">LiFePO4</td><td colspan="2"></td></tr><tr><td colspan="6">WORKING BATTERY VOLTAGE</td><td colspan="2">44-54</td><td colspan="2">Vdc</td></tr><tr><td colspan="6">MAXIMUM POWER (Tamb=25°C)</td><td colspan="2">3/3.6/5/6</td><td colspan="2">kW</td></tr><tr><td colspan="6">WORKING AMBIENT TEMPERATURE</td><td colspan="2">0/+45</td><td colspan="2">°C</td></tr></table>											BATTERY TYPE						LiFePO4				WORKING BATTERY VOLTAGE						44-54		Vdc		MAXIMUM POWER (Tamb=25°C)						3/3.6/5/6		kW		WORKING AMBIENT TEMPERATURE						0/+45		°C							
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				DATA 17/11/2020		ATON Srl – Spilamberto (MO) www.atonstorage.com		ATON GREEN STORAGE +		FUNLESS ON-GRID SOLAR UNIT WITH STORAGE		DIS.N. H.STORE_3-4-5-6K		= QG/BM																																										
				DISEGN. Nervosi M.						TITLE		REV.2.02		H.STORE_3-4-5-6K		FG. 1																																								
REV.		MODIFICA		DATA						FIRMA		APPR.		SOST. IL :		SOST. DA :		F.S. 2																																						

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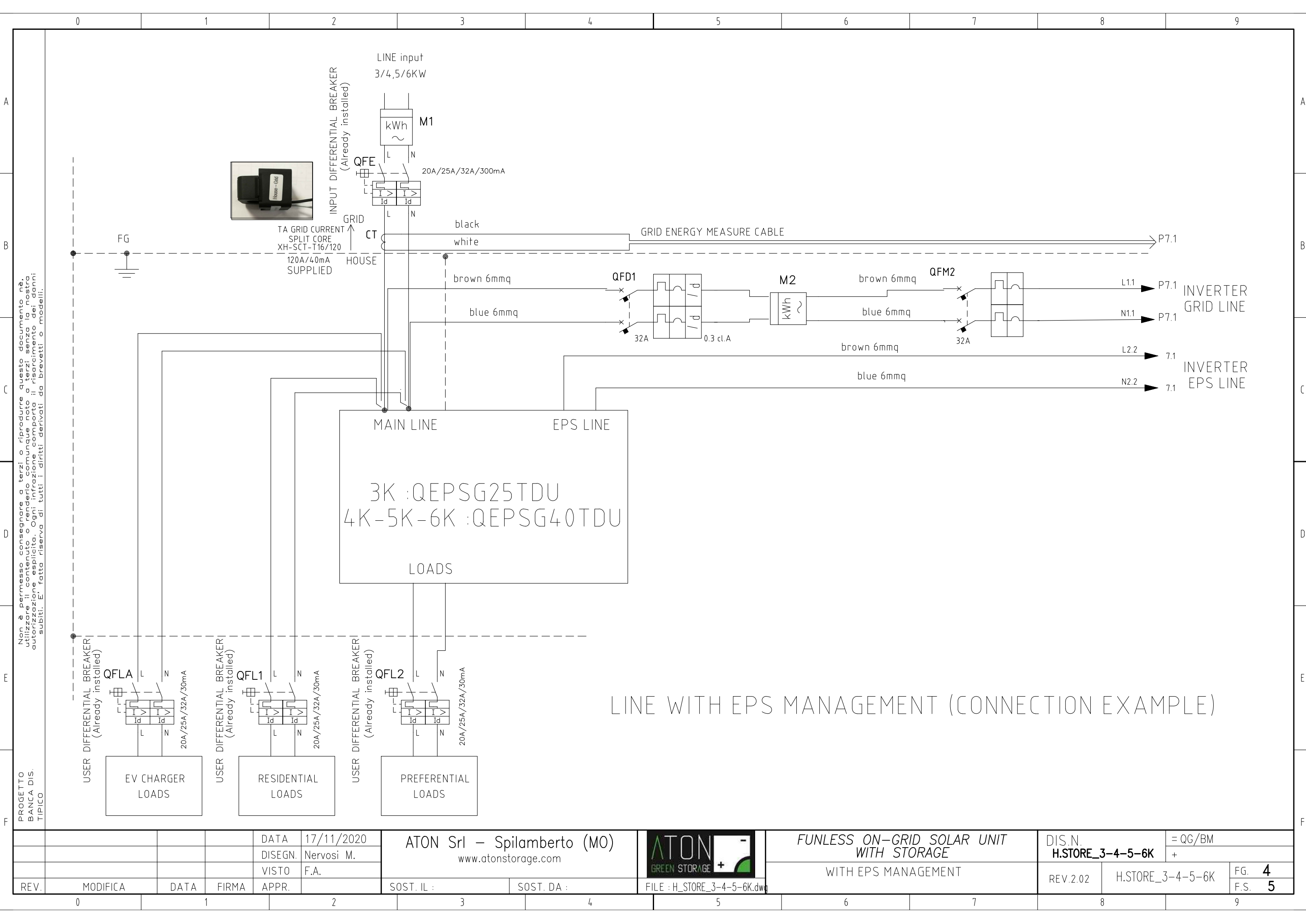
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A	LISTA FOGLI \ INDEX										A															
B	Foglio Sheet	Descrizione Description	Revisione \ Revision										Foglio Sheet	Descrizione Description	Revisione \ Revision											
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	2	PAGE LIST																								
	3	WHITOUT EPS MANAGEMENT																								
	4	WITH EPS MANAGEMENT																								
	5	SINGLE-PHASE - THREE PHASE METERING																								
	6	SINGLE-PHASE-THREE PHASE AUX.INVERTER																								
	7	INVERTER ALTERNATE SECTION																								
	8	INVERTER CONTINUOSLY SECTION																								
C	9	BATTERIES CONNECTION																								
D	10	CPU BOARD - ALIM. / DIG. I/O / POWER SUPPLY																								
	11	CPU BOARD - AI + COMMS / ANALOG INPUT + SERIAL COMMS																								
	14	CPU BOARD - EXP / EXPANSIONS CONTROL																								
	15	CPU BOARD - EXP / REMOTE CONTROL OPTIONAL																								
	21	TERMINAL BLOCK																								
E																										
F																										
Note :																										
PROGETTO BANCA DIS. TIPICO					DATA	17/11/2020	ATON Srl – Spilamberto (MO) www.atonstorage.com				FUNLESS ON-GRID SOLAR UNIT WITH STORAGE				DIS.N.		H.STORE_3-4-5-6K						= QG/BM			
					DISEGN.	Nervosi M.											+									
					VISTO	F.A.																				
	REV.	MODIFICA	DATA	FIRMA	APPR.		SOST. IL :		SOST. DA :		FILE : H_STORE_3-4-5-6K.dwg		PAGE LIST		REV.2.02		H.STORE_3-4-5-6K						FG. 2		F.S. 3	
	0	1	2	3	4	5	6	7	8	9																

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PROGETTO
BANCA DIS.
TIPICO



				DATA	17/11/2020	ATON Srl – Spilamberto (MO) www.atonstorage.com			FUNLESS ON-GRID SOLAR UNIT WITH STORAGE		DIS.N. H.STORE_3-4-5-6K		= QG/BM +	
				DISEGN.	Nervosi M.						REV.2.02		H.STORE_3-4-5-6K	
				VISTO	F.A.				WHITOUT EPS MANAGEMENT				FG. 3 F.S. 4	
REV.	MODIFICA	DATA	FIRMA	APPR.		SOST. IL :	SOST. DA :	FILE : H_STORE_3-4-5-6K.dwg						



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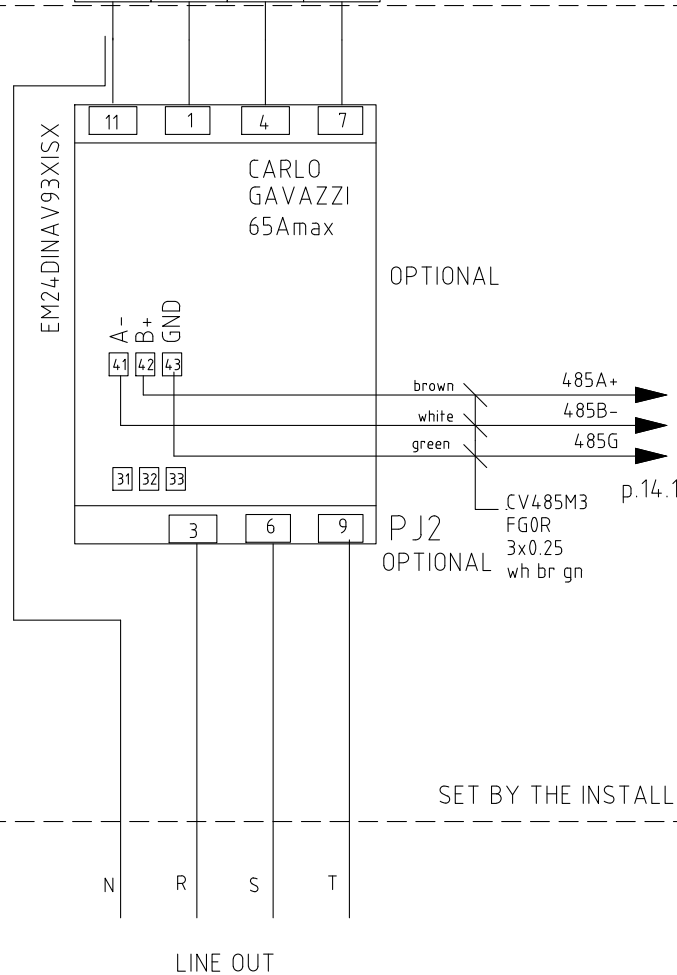
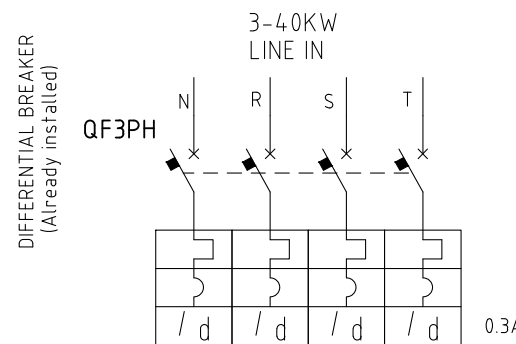
PROGETTO
BANCA DIS.
TIPICO

				DATA	17/11/2020	ATON Srl – Spilamberto (MO) www.atonstorage.com		FUNLESS ON-GRID SOLAR UNIT WITH STORAGE		DIS.N. H.STORE_3-4-5-6K		= QG/BM +	
				DISEGN.	Nervosi M.			WITH EPS MANAGEMENT		REV.2.02	H.STORE_3-4-5-6K	FG. 4	
REV.	MODIFICA	DATA	FIRMA	APPR.				FILE : H_STORE_3-4-5-6K.dwg				F.S. 5	

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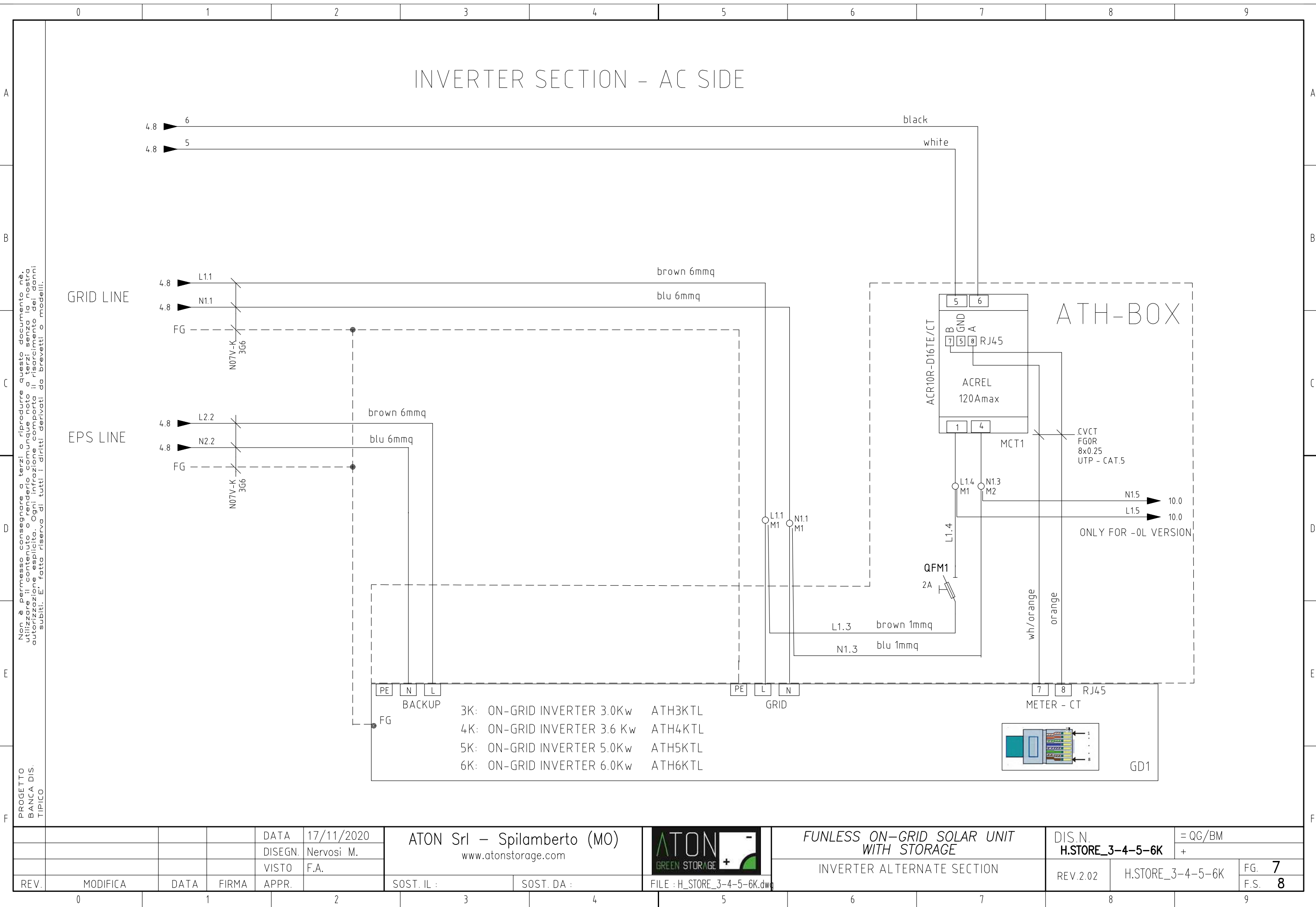
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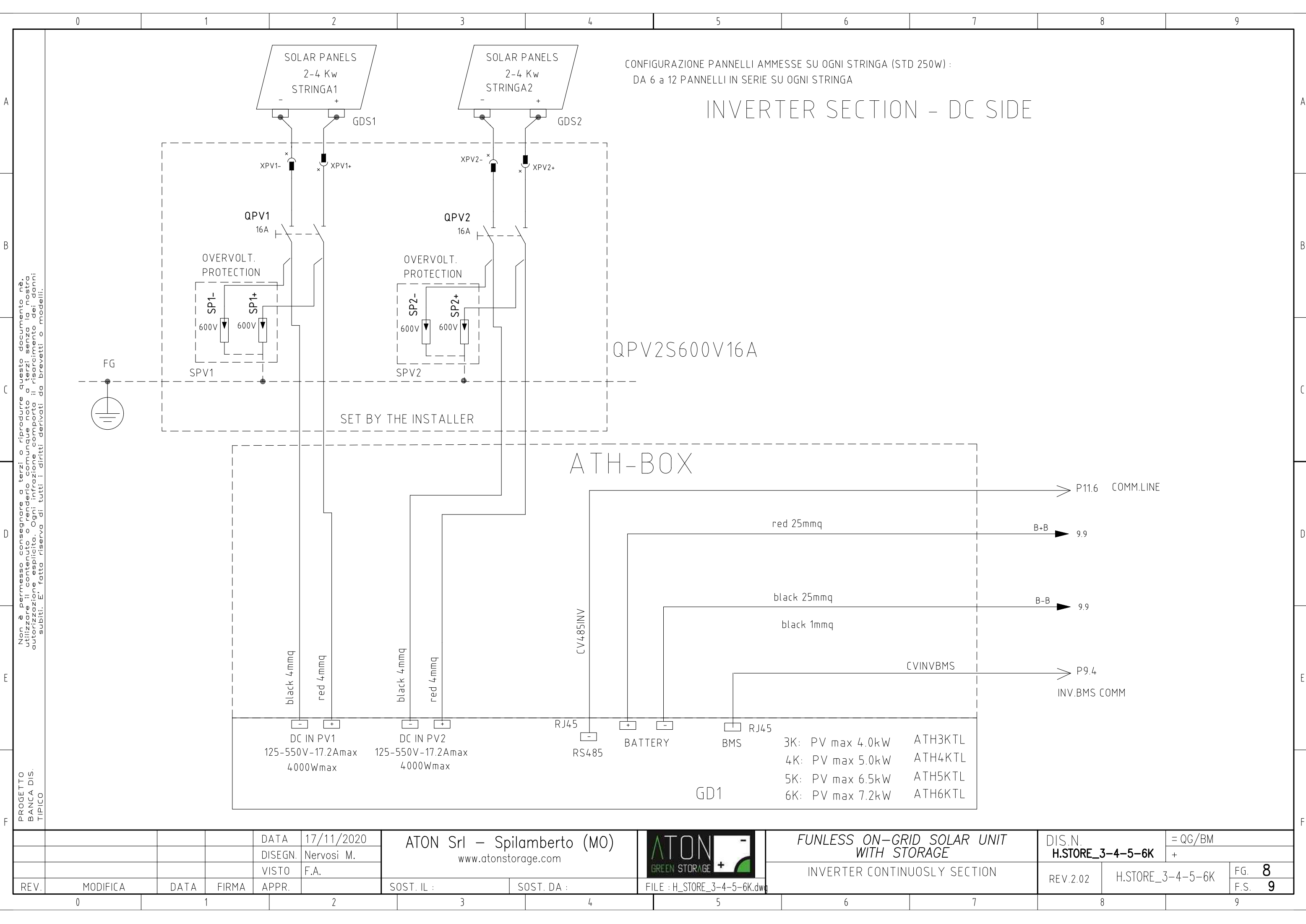
SOLAR or EV-CHARGE LINE

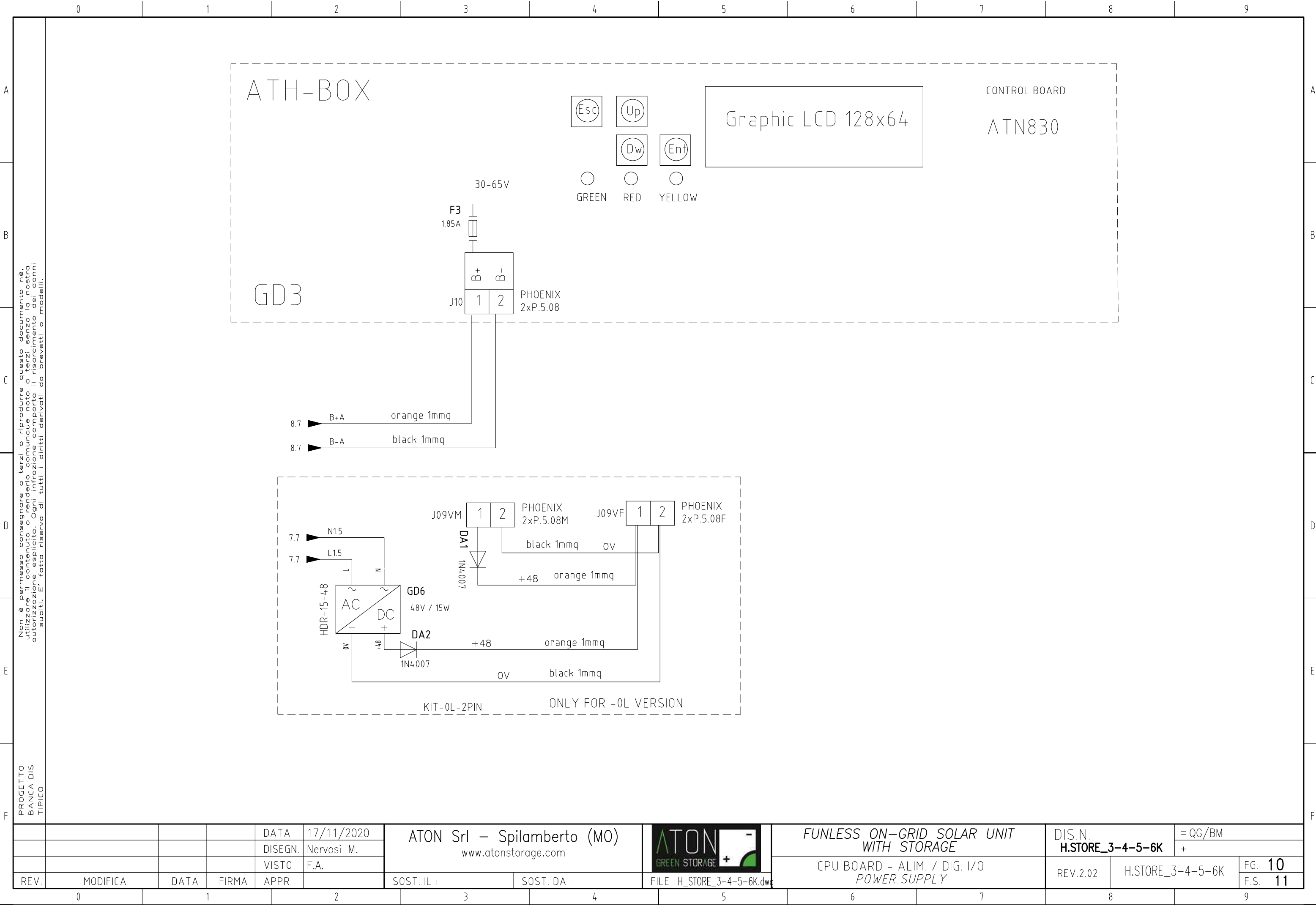


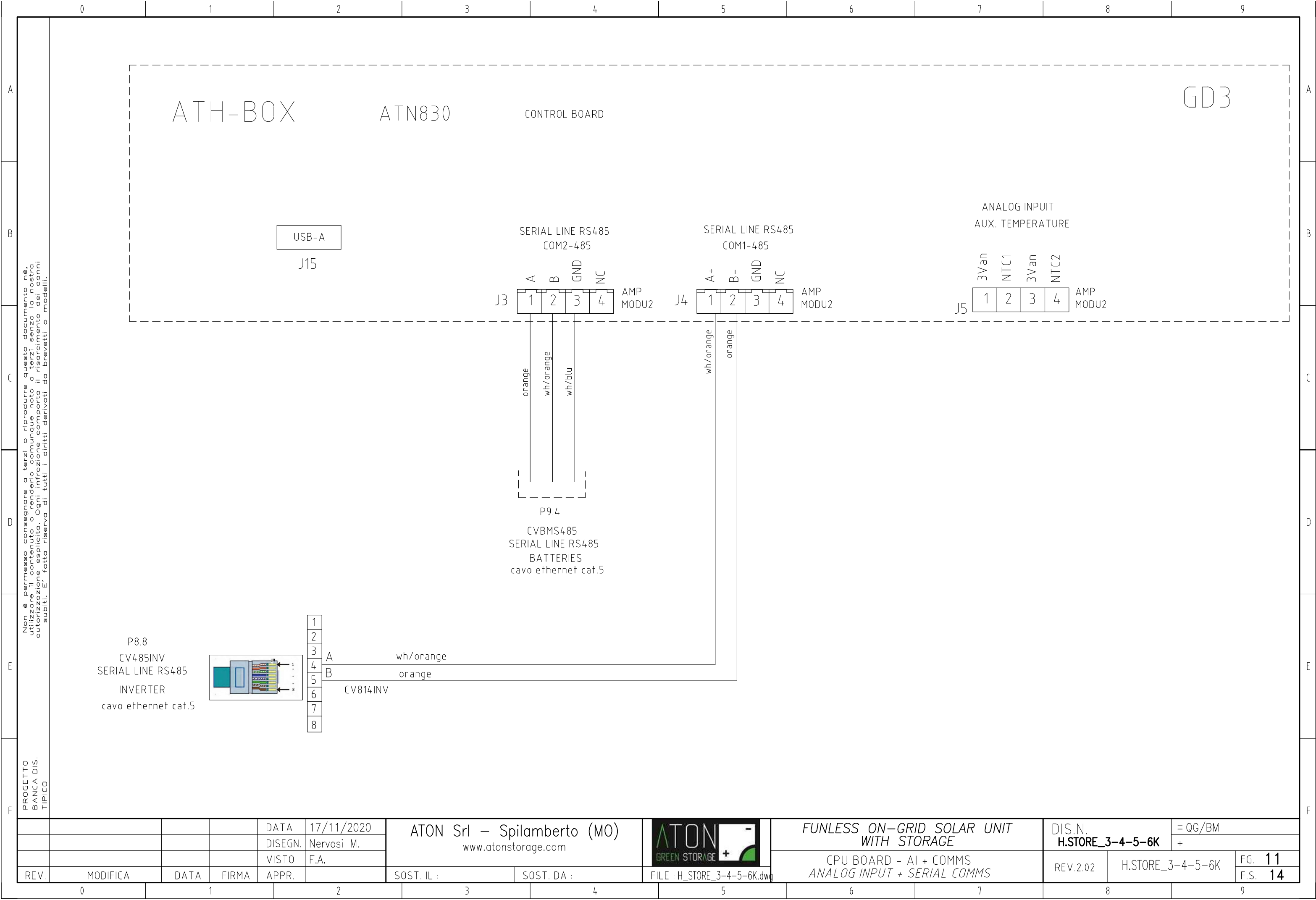
PROGETTO
BANCA DIS.
TIPICO

				DATA	17/11/2020	ATON Srl – Spilamberto (MO) www.atonstorage.com			FUNLESS ON-GRID SOLAR UNIT WITH STORAGE		DIS.N. H.STORE_3-4-5-6K		= QG/BM			
				DISEGN.	Nervosi M.								+			
				VISTO	F.A.											
REV.	MODIFICA	DATA	FIRMA	APPR.		SOST. IL :	SOST. DA :	FILE : H_STORE_3-4-5-6K.dwg	SINGLE-PHASE-THREE PHASE AUX.INVERTER		REV.2.02	H.STORE_3-4-5-6K		FG. 6 F.S. 7		









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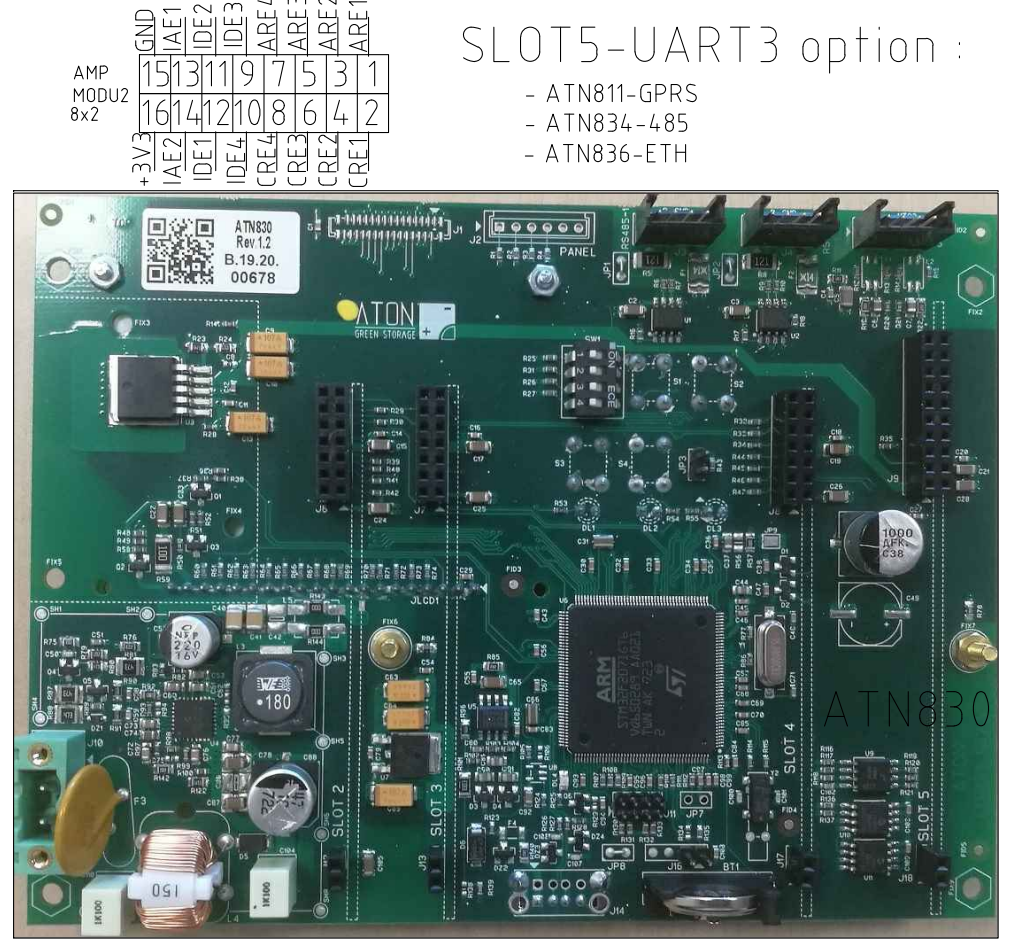
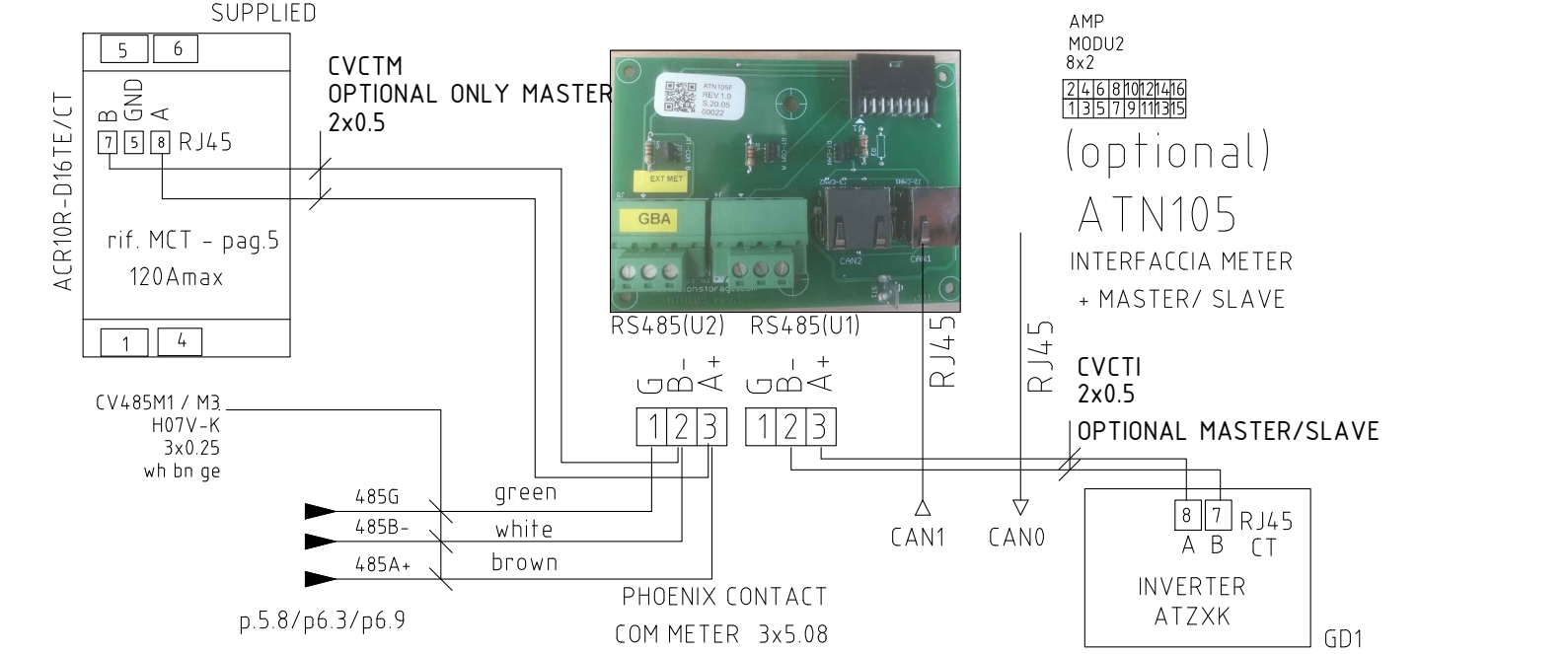
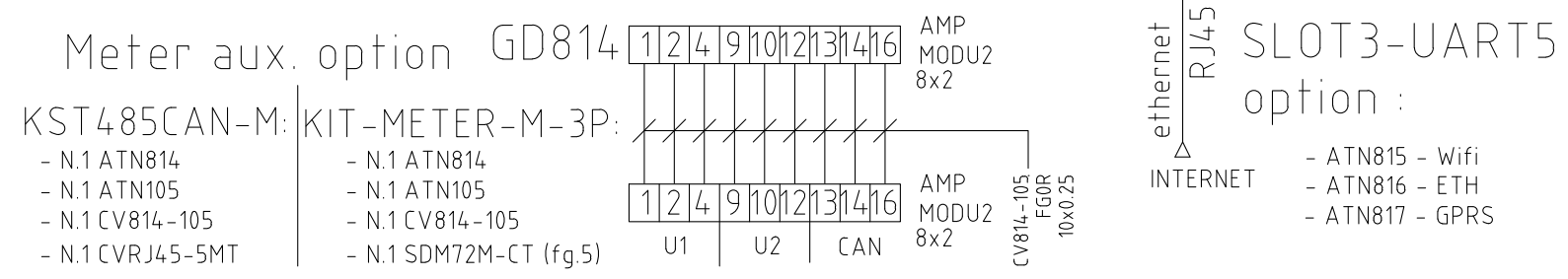
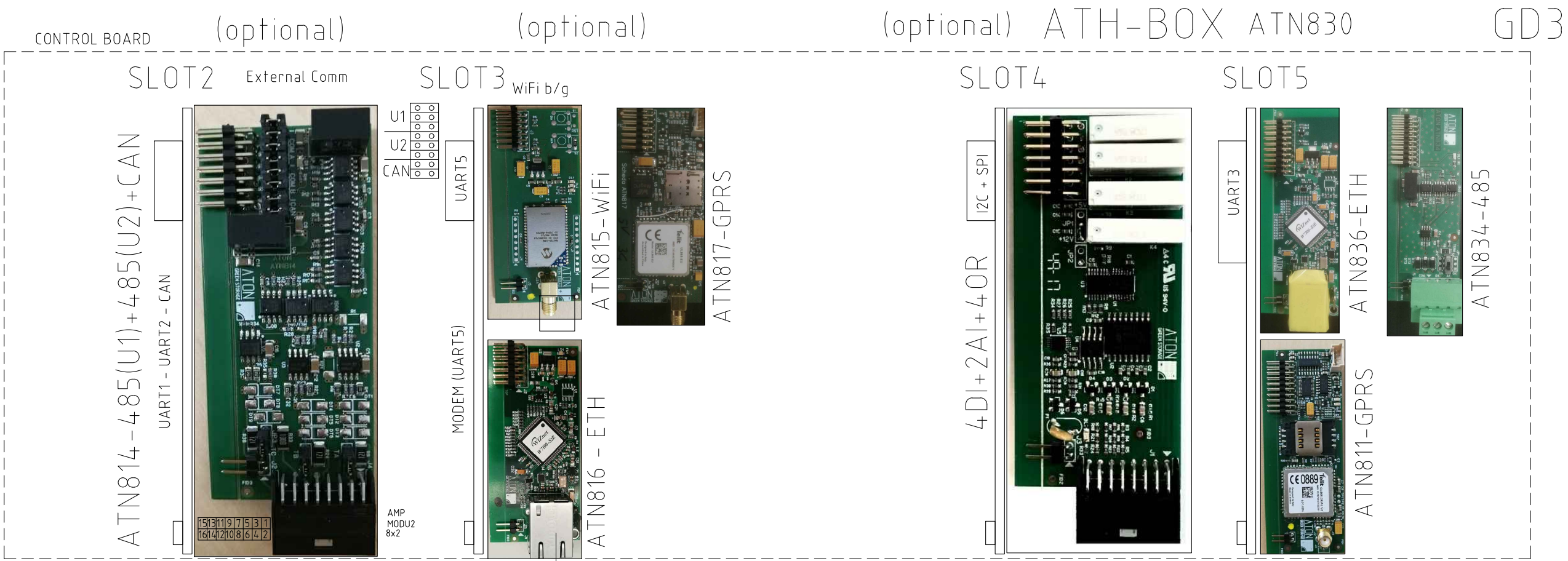
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PROGETTO
BANCA DIS.
TIPICO



REV.	MODIFICA	DATA	FIRMA	APPR.	DATA	17/11/2020	DIS.N.	H.STORE_3-4-5-6K	= QG/BM
						Nervosi M.			+
						F.A.	REV.2.02	H.STORE_3-4-5-6K	FG. 14
									F.S. 15

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ATON
GREEN STORAGE

FUNLESS ON-GRID SOLAR UNIT
WITH STORAGE
CPU BOARD - EXP
EXPANSIONS CONTROL

FILE : H_STORE_3-4-5-6K.dwg

	0	1	2	3	4	5	6	7	8	9
A	ATN830 CONTROL BOARD (optional) (optional) (optional) SLOT1 UART1 - UART2 - CAN SLOT2 UART1 - UART2 - CAN SLOT3 UART5 SLOT4 4DI+2AI+4OR I2C + SPI SLOT5 UART3 ATN834-485 ATN836-ETH 1 2 3 GB+ A+ RS485(COM3) ethernet RJ45 GD3									
B										
C										
D	REMOTE CONTROL option - 485 LINE : N.1 ATN834 - ETHERNET LINE : N.1 ATN836									
E										
F	PROGETTO BANCA DIS. TIPICO DATA 17/11/2020 DISEGN. Nervosi M. VISTO F.A. REV. MODIFICA DATA FIRMA APPR. SOST. IL : SOST. DA : ATON Srl – Spilamberto (MO) www.atonstorage.com ATON GREEN STORAGE + FILE : H_STORE_3-4-5-6K.dwg FUNLESS ON-GRID SOLAR UNIT WITH STORAGE CPU BOARD - EXP REMOTE CONTROL OPTIONAL DIS.N. H.STORE_3-4-5-6K REV.2.02 H.STORE_3-4-5-6K = QG/BM + FG. 15 F.S. 21									
	0	1	2	3	4	5	6	7	8	9

0123456789

A

B

C

D

E

F

ATH-BOX

METER MAIN LINE

internal meter

CT-WHITE

CT-BLACK

MCT

QFM1

N1.3

L1.1

N1.1

GND

PHASE

NEUTRAL

PE

GRID LINE

=QG - M1

AC Terminal block

PROGETTO

BANCA DIS.

TIPICO

DATA

17/11/2020

DISEGN.

Nervosi M.

VISTO

F.A.

REV.

MODIFICA

DATA

FIRMA

APPR.

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ATON

GREEN STORAGE

FUNLESS ON-GRID SOLAR UNIT

WITH STORAGE

TERMINAL BLOCK

DIS.N.

H.STORE_3-4-5-6K

REV.2.02

H.STORE_3-4-5-6K

= QG/BM

+

FG.

21

F.S.

1

0123456789

A

B

C

D

E

F