La colonnina di ricarica EV

Manuale di Installazione e Operazione del Sistema di Gestione dell'Energia



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Qhvvxqd sduwh gl txhvw grfxphqw sx hvvhuh usurgrwwdr wdvphvvd lq txdovldvlirupd r frq txdovldvl ph r vhq dlosuhylr frqvhqvr vfulwwr gll R HVVFR1/OWG1

Marchi e Autorizzazioni

h dowlp duf lll r vrqr p duf lglideeufd gll R HVVFR1/OWG1

Wkwwjodowlp duf lh qrp lfrp p hufldoflwdWvqhosuhvhqwd grfxphqw vrqr gl surpuhw ghluvshwwyl vwwodu1

Avviso

Lsurgrww/lvhuyl lh dh fdudwwuvwf h dftxlvwdWvrqr vwdeldwgdofrqwdww vwsxodw wdl r h lofdhqwa1Wkwwr sduwh ghl surgrww/vhuyl lh fdudwwuvwf h ghvfuww/lq txhvww grfxphqw srwheehur qrq uhqwduh qhodp elw gl dftxlvww r gl xwlo r1Vh qrq glyhuvdphqwa vshflifdw qhofrqwdww/wxwwa dh glf ldud lrql/dh lqirupd lrql h dh udffrpdqgd lrql frqwaqxwa lq txhvww grfxphqw vrqr irqlwa FRVRFRPHVRQR /vhq djdudq lhr udssuhvhqwd lrql gldofxqwsr/q hvsdflwa q lpsdflwa1

Oh lqirupd lrql frqwaqxwa qhosuhvhqwa grfxphqw vrqr vrjjhwwa dprglilf h vhq d suhdyylvr1Qhodl suhsdud lrqh gl txhvww grfxphqw vwdtw idww rjql virur shujdudqwuh dffxudwa d ghl frqwaqxw/pd wxwwa dh glf ldud lrql/dh lqirupd lrql h dh udffrpdqgd lrql frqwaqxwa lq txhvww grfxphqw qrq frvwwxlvfrqr xqd jdudq ld gl dofxq wsr/hvsuhvvdr lpsdflwd1

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Lqglul r=Qr1<6</Mq dl Vhu d Vwdgd/Duhd Lqgxvwddh Ghodl Qxryd Dhurspuw/Glvwhwv gl Orqjzdq/Flwv gl Zhq rx/Surylqfld gl hrhdqj/Flqd

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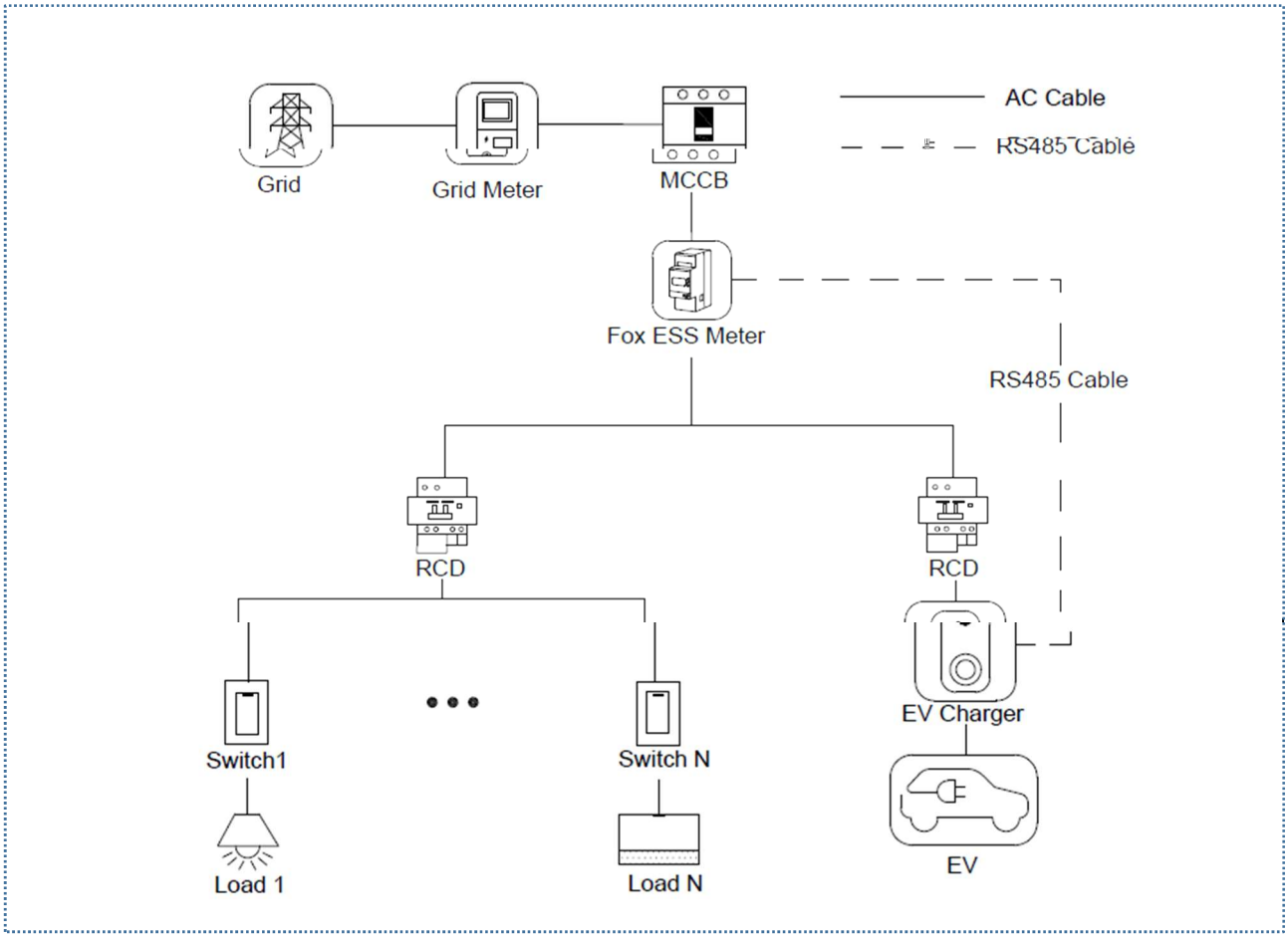
Manuale di Installazione e Operazione del

Contenuti

P dqxdo gl Lqvwdoodl lr qh h Rshud lr qh gho Vlvwp d gl J hvwr qh gho'Hqhuj ld 1
1 Bilanciamento del Carico (Unità Singola) 1
1.1 Guida all'Installazione 2
..... 6
1.1 7
1.2 Configurazione 8
41 Vfdufduh d'Dss l r Vz lwv 8
51 Dff hvvr dod'dff r xqw 8
61 Dj j lxqj huh od fr o qqlqd gl ufdufd HY 9
71 F r obj duh od fr o qqlqd gl ufdufd HY wdp lwv Eoxhwr w 9
81 Delowduh od i xq lr qh gl elodqfldp hqw gho fdufr 10
91 Ip sr vwd lr qh gho Udssr uw gho Fr qwdwuh 10
1.3 Introduzione della Funzione 11
5 **Bilanciamento del Carico (Unità Multiple)** 13
2.1 Guida all'Installazione 14
2.2 Configurazione 14
41 Vfdufduh d'Dss l r Vz lwv 14
51 Dff hvvr dod'dff r xqw 14
61 Dj j lxqj huh od fr o qqlqd gl ufdufd HY 14
71 F r obj duh od fr o qqlqd gl ufdufd HY wdp lwv Eoxhwr w 15
81 Ip sr vwd lr qh gho od Fr qqhvvlr qh gl Uhwh 16
91 F uhduh h Fr qilj xuduh od Vwd lr qh gl Ddp hqwd lr qh 17
2.3 Introduzione della Funzione 19
6 **Connessione Fotovoltaica** 20
3.1 Guida all'Installazione 21
3.2 Configurazione 21
41 Vfdufduh d'Dss l r Vz lwv 21
51 Dff hvvr dod'dff r xqw 21
61 Dj j lxqj huh od fr o qqlqd gl ufdufd HY 22
71 F r obj duh od fr o qqlqd gl ufdufd HY wdp lwv Eoxhwr w 22
81 Ip sr vwd lr qh shu Delowduh od l xq lr qh gho od Fr qqhvvlr qh l r wyr owlfd 23
91 Ip sr vwd lr qh gho Udssr uw gho Fr qwdwuh 23
3.3 Introduzione della Funzione 24

1 Bilanciamento del Carico (Unità Singola)

Loelodqfldp hqw ghofdufr ghodxqlw vlqjr od dgdww d vlwxd lr ql lq fxl xqd vlqjr od fr o qqlqd gl ufdufd HY fr qglylgh dhqhuj ld fr q dowl fduf l1



Gldj udp p d gl fdeodj j lr ghovlvwp d gl elodqfldp hqw ghofdufr ghodxqlw vlqjr od

Qr wd=

41 Shufr qir up duvl dj o vwdqgdug gl sur wp lr qh gdoo shuglwp udoydqw/ vl suhj d gl xwo duh dop hqr xq UF G gl wsr D r xq glvsr vlwyr gl sur wp lr qh gdoo shuglwp ht xlydonqwp fr qir up h dj o vwdqgdug o fdo1

51 Olqvwdod lr qh ghyh hvvhuh hiihwxdwd gd shuvr qdo t xdoilfdw lq fr qir up lw fr q l uhj r odp hqwvo fdo1

1.1 Guida all'Installazione

Fdeodj jlr gl Frp xqlfd lrqh UV7; 8

qhfhvvdur xq fdyr UV7; 8 shuvwdelouh odl frp xqlfd lrqh wud odl frqqlqd gl ufdufd HY h lofrqwdwruh hdnwwfr 1

Shuuvsdup lduh wkp sr qhodfdft xlvw gl xq frqwdwruh hdnwwfr / frqvljddelon dft xlvwduh lovhj xhqwk frqwdwruh DF suhvvr xq ulyhqglwruh of fdon1

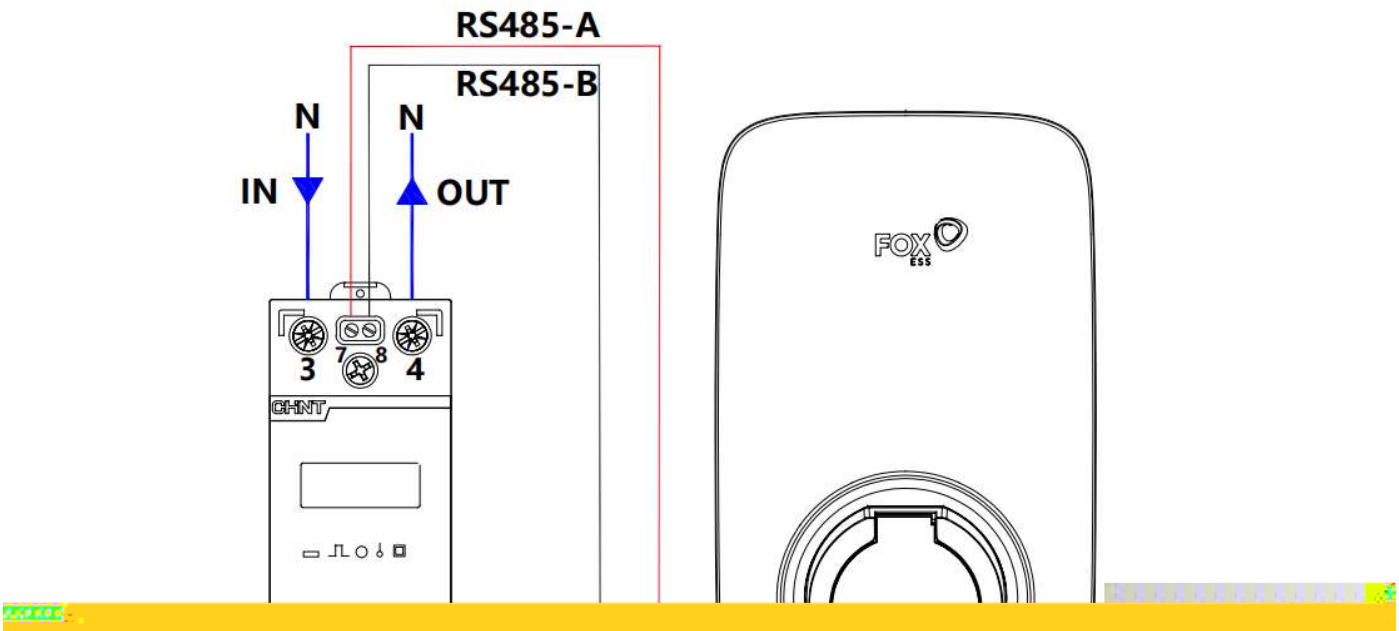
- Frqwdwruh hdnwwfr prqridvh ≤ 93D=GGVX999 8+93,1
- Frqwdwruh hdnwwfr wlidvh ; 3D=GWVX999 8+; 3,1
- Frqwdwruh hdnwwfr wlidvh 533D=GWVX999 418+9,1
- Frqwdwruh hdnwwfr wlidvh ≤ 533D=GWVX999 +Grssslr UV7; 8,

Prghoor ghoFrqwdwruh Hdnwwfr	Odl frqqlqd gl ufdufd HY Dssofdelon
GGVX999 8+93,D	: /6NZ
GWVX999 8+; 3,D	44NZ 255NZ
GWVX999 418+9,D	44NZ 255NZ
GWVX999 +Grssslr UV7; 8,	44NZ 255NZ

Tavola di Raccomandazioni per la Selezione del Contatore Elettrico

Qrwd=

41 Vh odl fruhqwk wvwdon ghofrqwdwruh hdnwwfr GWVX999 +grssslr UV7; 8, è ; 3D/ sxò hvvhuh frodnjdwd gluhwwdp hqwk doflufxlw1 Vh odl fruhqwk wvwdon è A ; 3D/ gryuheeh hvvhuh frodnjdwd doflufxlw frq xq wdvirup dwruh FWh lophwrgr gl frodnjdp hqw ghofrqwdwruh hdnwwfr gryuheeh hvvhuh lp srvwdw vx frodnjdp hqw FWShulp hwrgl gl lp srvwd lrqh vshflilfl/iduh uihulp hqw dodn lvwux lrql g*xvr gho frqwdwruh hdnwwfr >dqyhuwuulr HVV sxò frqglylghuh txhvw frqwdwruh hdnwwfr frq odl frqqlqd gl ufdufd HY1



Terminali Superiori

Filo N		Comunicazione	
Ingresso N	Uscita N	RS485-A	RS485-B
3	4	7	8

Terminali Inferiori

Filo L	
Ingresso L	Uscita L
1	2

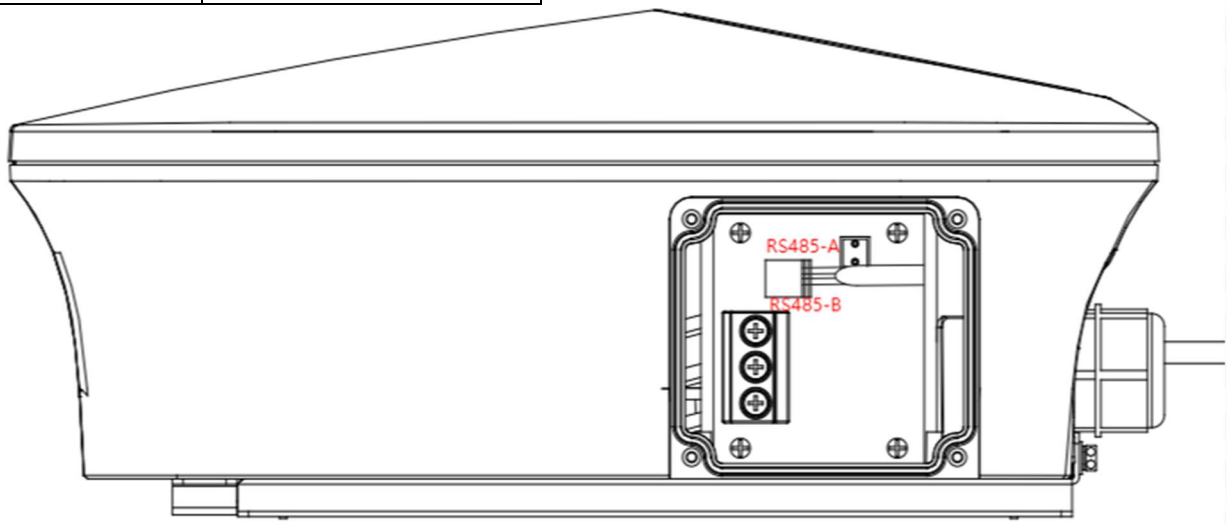
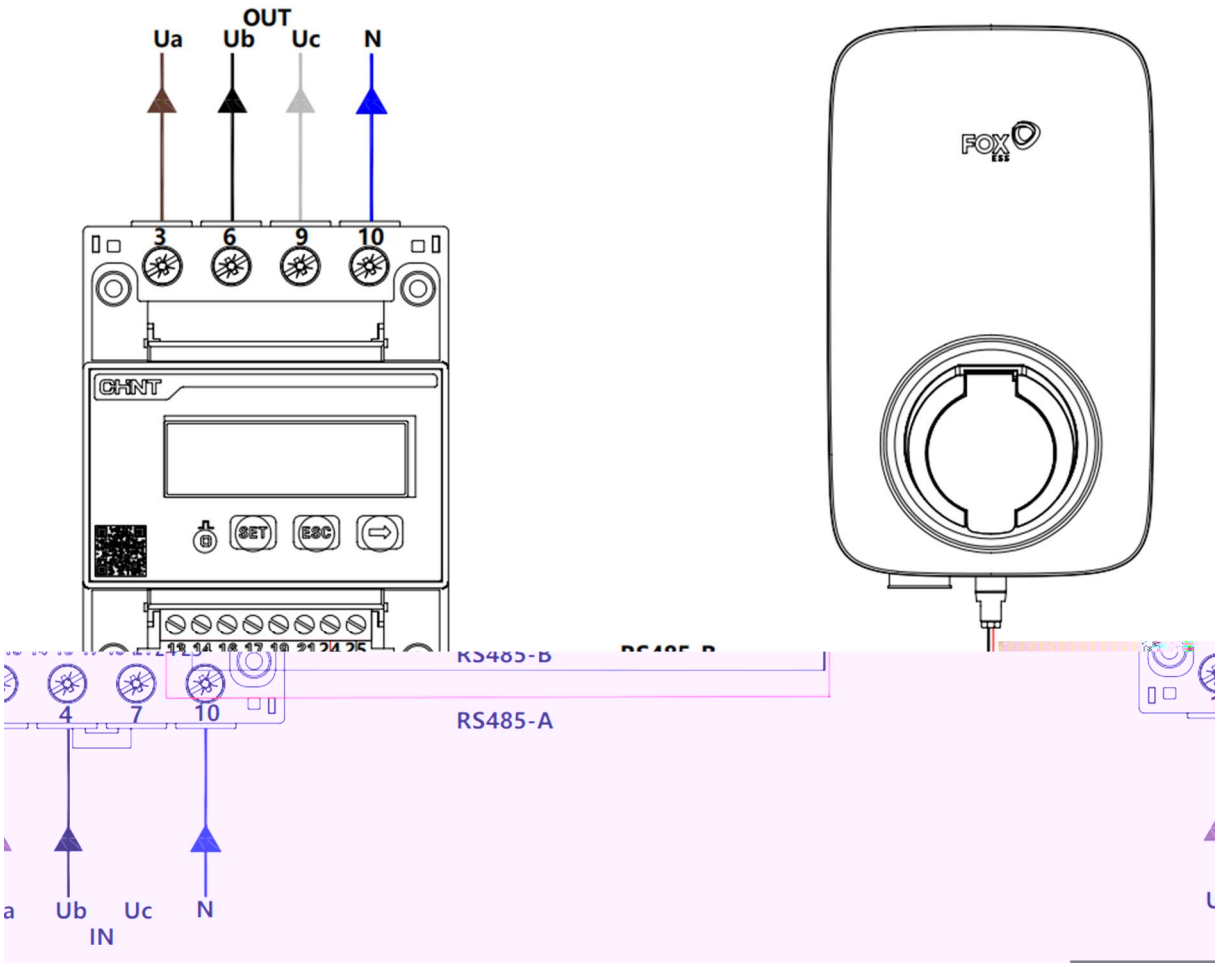


Diagramma di cablaggio RS485 del contatore elettrico monofase DDSU666 5(60) e la colonnina di ricarica EV da 7,3 kW

Il colore dei fili mostrato nel diagramma è solo a scopo di riferimento, fare riferimento al colore dei fili locali per i dettagli.



Terminali Superiori

Uscita Tensione			
Ua	**Ub**	**Uc**	**N**
3	**6**	**9**	**10**

Terminali Inferiori

Ingresso Tensione				Comunicazione	
Ua	**Ub**	**Uc**	**N**	**RS485-A**	**RS485-B**
1	**4**	**7**	**10**	**24**	**25**

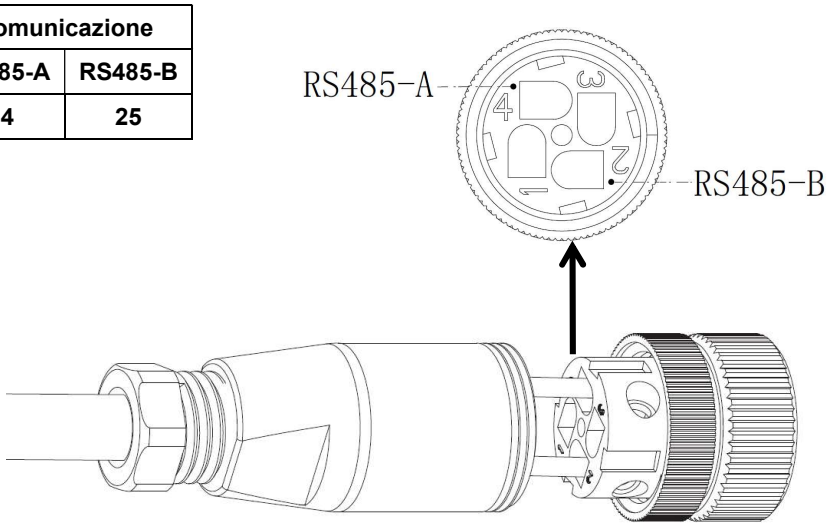
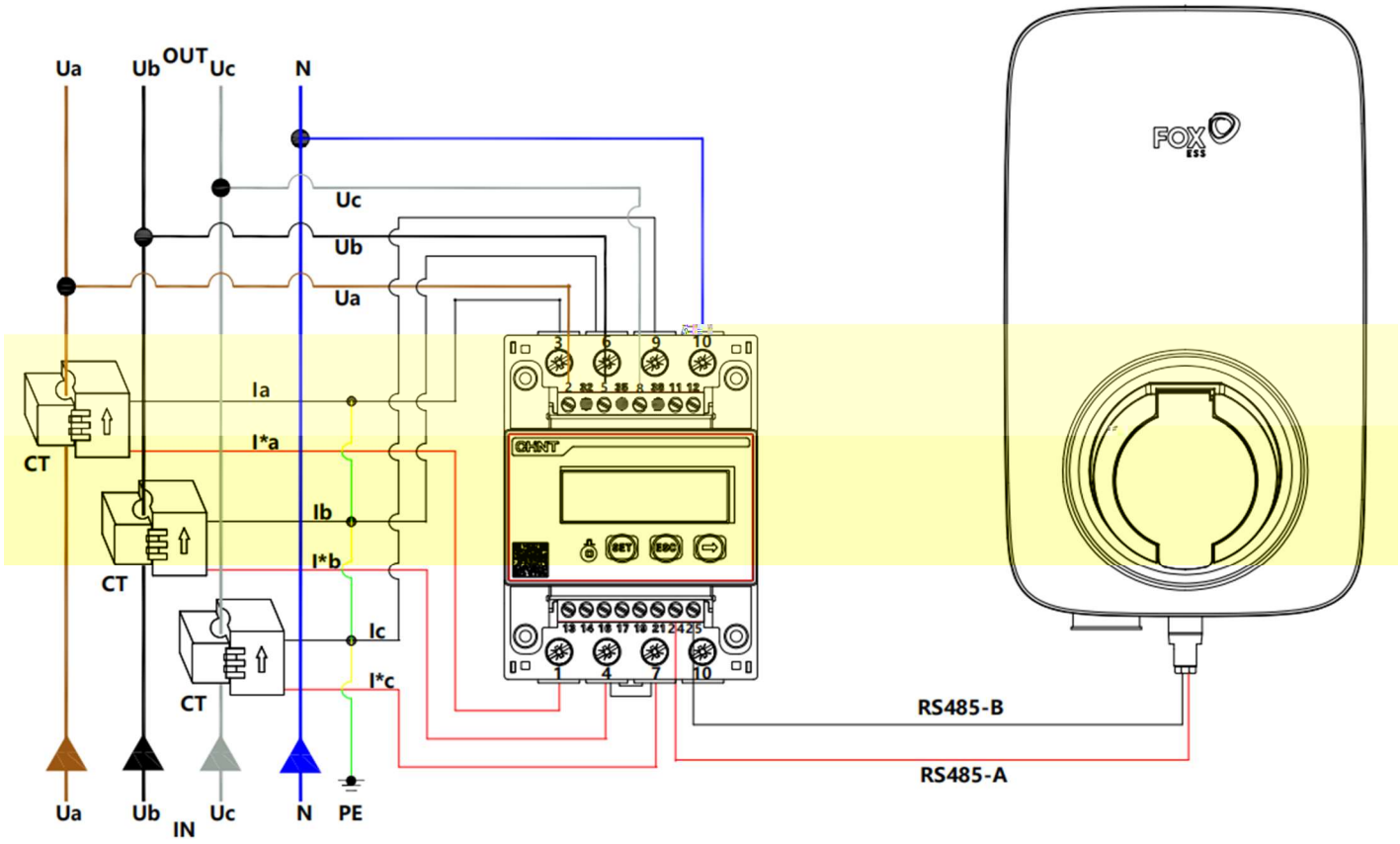


Diagramma di cablaggio RS485 del contatore elettrico trifase DTSU666 5(80)A e la colonnina di ricarica EV da 11/22 kW

Il colore dei fili mostrato nel diagramma è solo a scopo di riferimento, fare riferimento al colore dei fili locali per i dettagli.



Terminali Superiori

Collegamento del Trasformatore			Ingresso Tensione			
Ia	Ib	Ic	Ua	Ub	Uc	N
3	6	9	2	5	8	10

Terminali Inferiori

Collegamento del Trasformatore			Comunicazione	
I*a	I*b	I*c	RS485-A	RS485-B
1	4	7	24	25

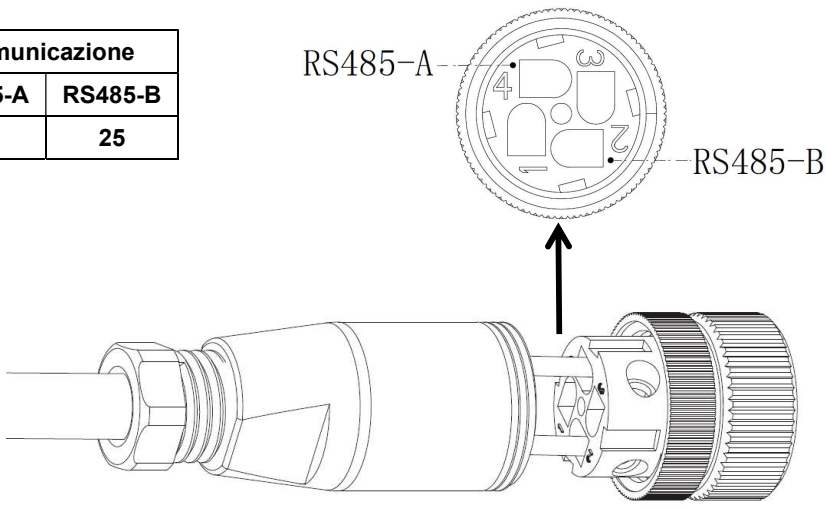
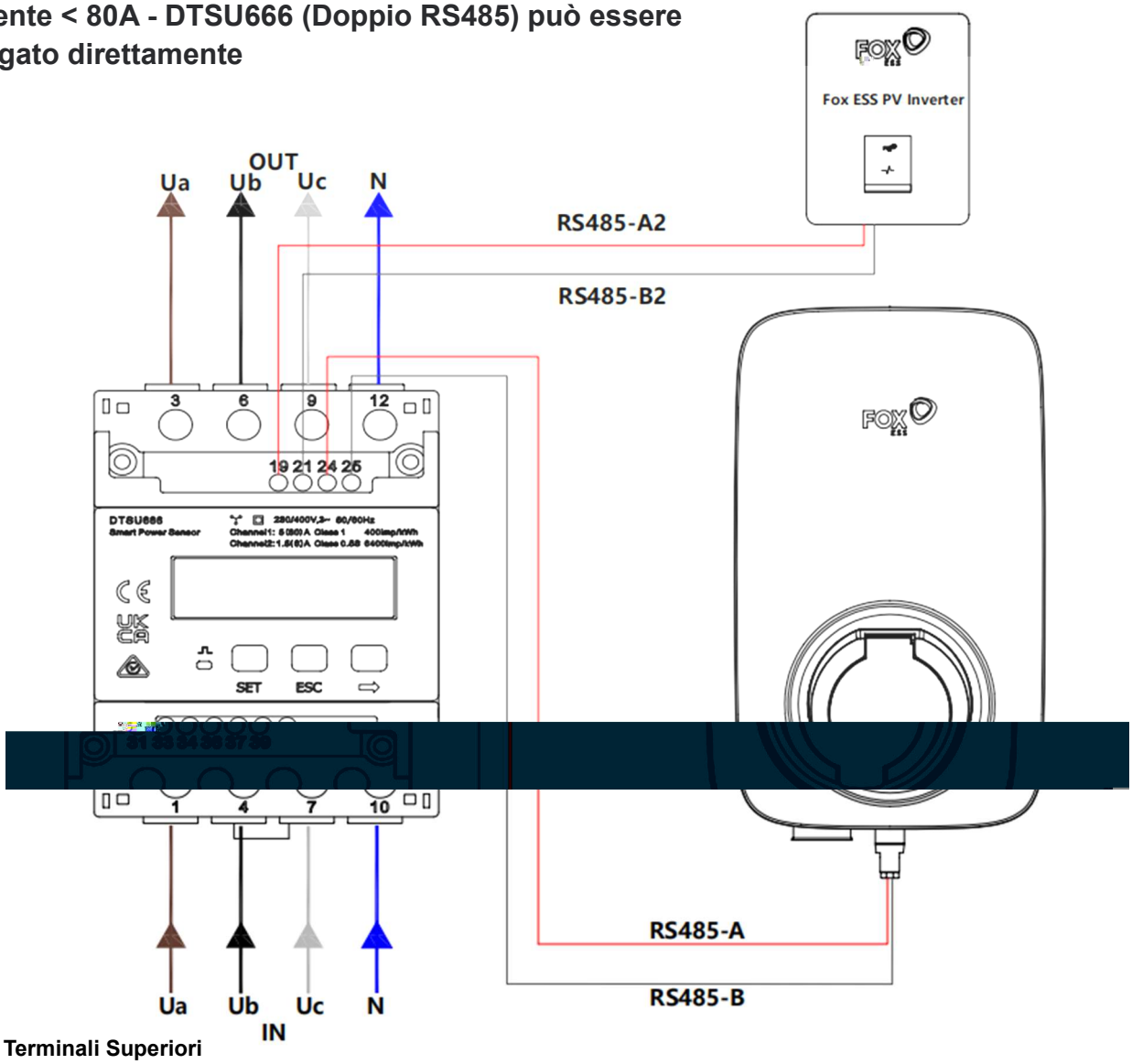


Diagramma di cablaggio RS485 del contatore elettrico trifase DTSU666 1.5(6) e la colonnina di ricarica EV da 11/22 kW

Il colore dei fili mostrato nel diagramma è solo a scopo di riferimento, fare riferimento al colore dei fili locali per i dettagli.

Corrente < 80A - DTSU666 (Doppio RS485) può essere collegato direttamente



Terminali Superiori

Uscita Tensione				Comunicazione			
Ua	Ub	Uc	N	RS485-A	RS485-B	RS485-A2	RS485-B2
3	6	9	12	24	25	19	21

Terminali Inferiori

Ingresso Tensione			
Ua	Ub	Uc	N
1	4	7	10

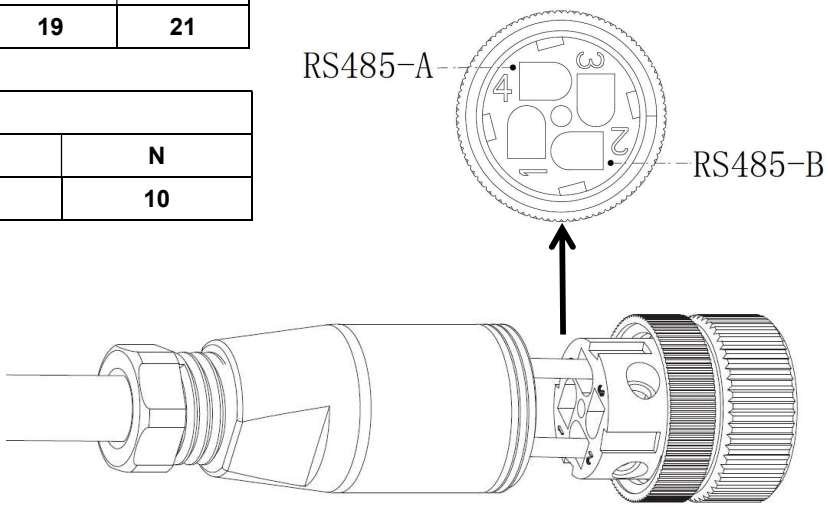
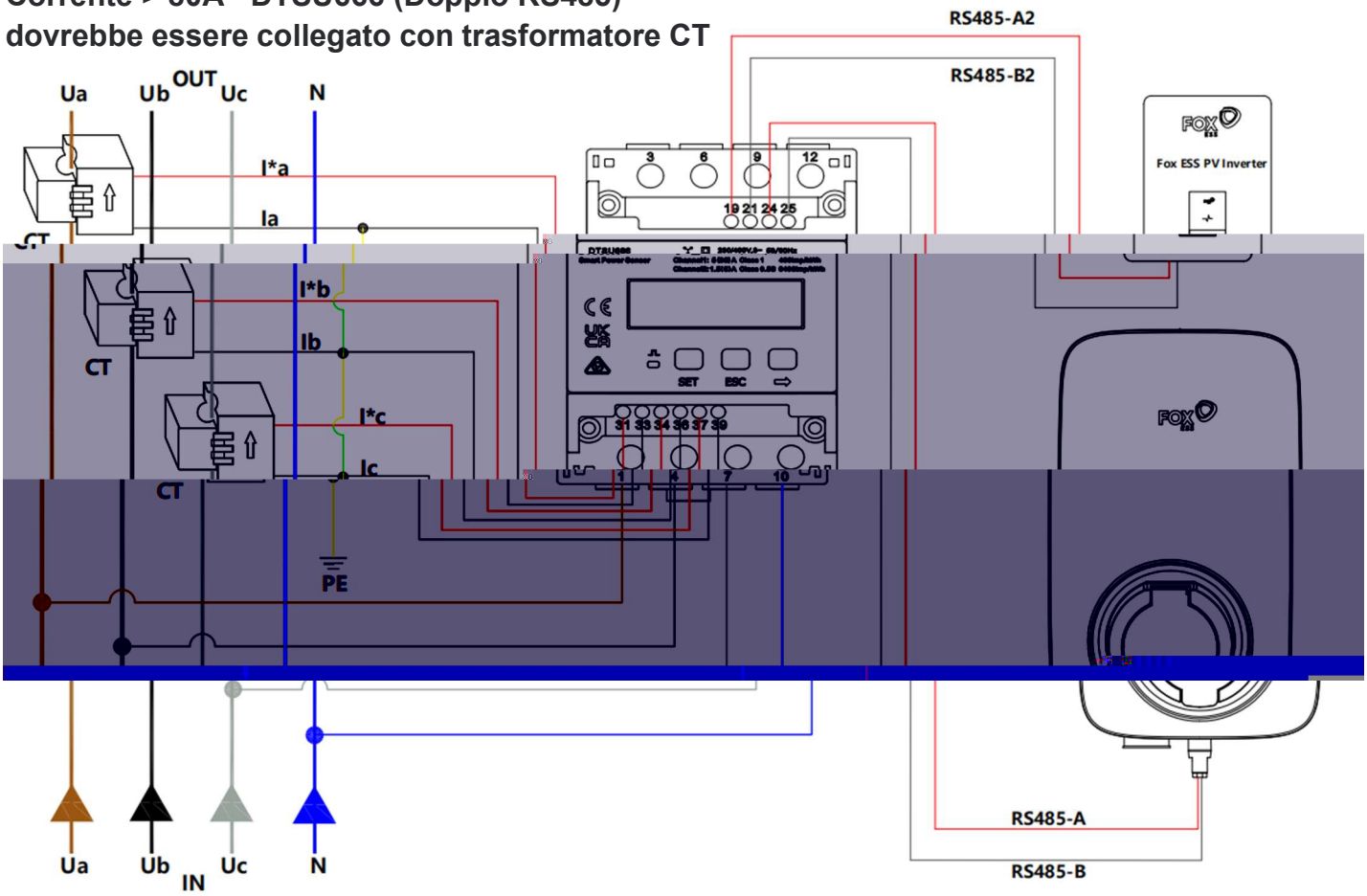


Diagramma di cablaggio RS485 del contatore elettrico trifase DTSU666 (Doppio RS485) e la colonnina di ricarica EV da 11/22 kW

Il colore dei fili mostrato nel diagramma è solo a scopo di riferimento, fare riferimento al colore dei fili locali per i dettagli.

Corrente > 80A - DTSU666 (Doppio RS485)
dovrebbe essere collegato con trasformatore CT

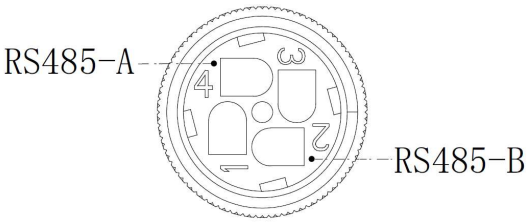


Terminali Superiori

Comunicazione			
RS485-A	RS485-B	RS485-A2	RS485-B2
24	25	19	21

Terminali Inferiori

Collegamento del Trasformatore						Ingresso Tensione			
I*a	Ia	I*b	Ib	I*c	Ic	Ua	Ub	Uc	N
31	33	34	36	37	39	1	4	7	10



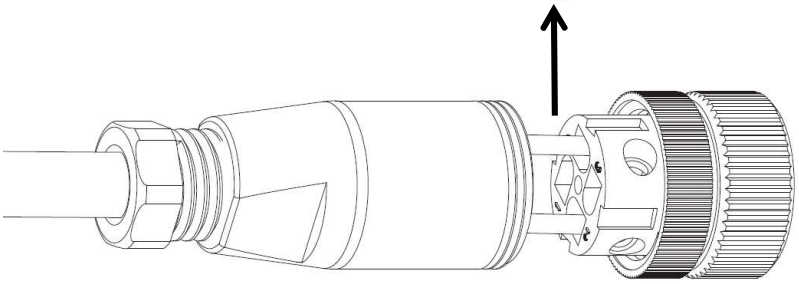


Diagramma di cablaggio RS485 del contatore elettrico trifase DTSU666 (Doppio RS485) e la colonnina di ricarica EV da 11/22 kW
Il colore dei fili mostrato nel diagramma è solo a scopo di riferimento, fare riferimento al colore dei fili locali per i dettagli.

1.2 Configurazione

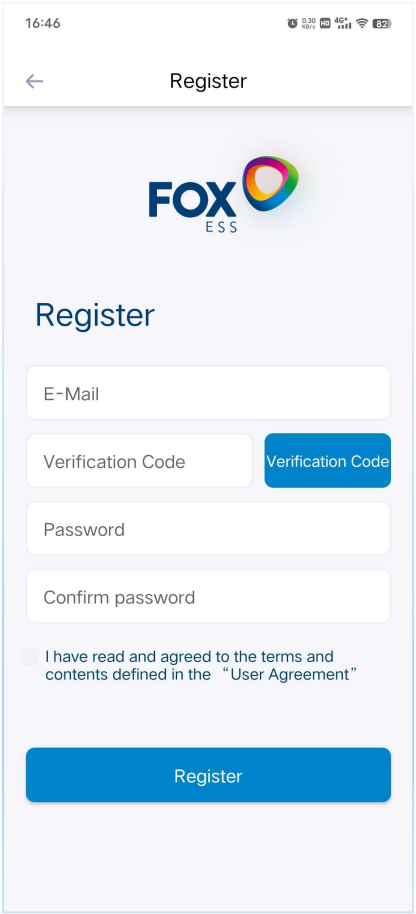
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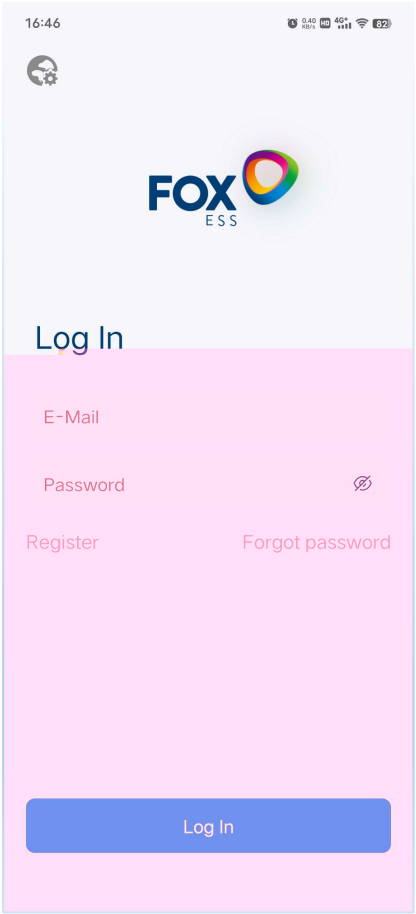
41Vfdufduh ŠDss l r Vz lwv

Vfdufduh h lqvwdoodu ŠDSS dqgdqgr vx Dss Vwruh r J r r j oh Sod h fhufdqgr l r Vz lwv 1

51Dffhvvr doŠdffr xqw

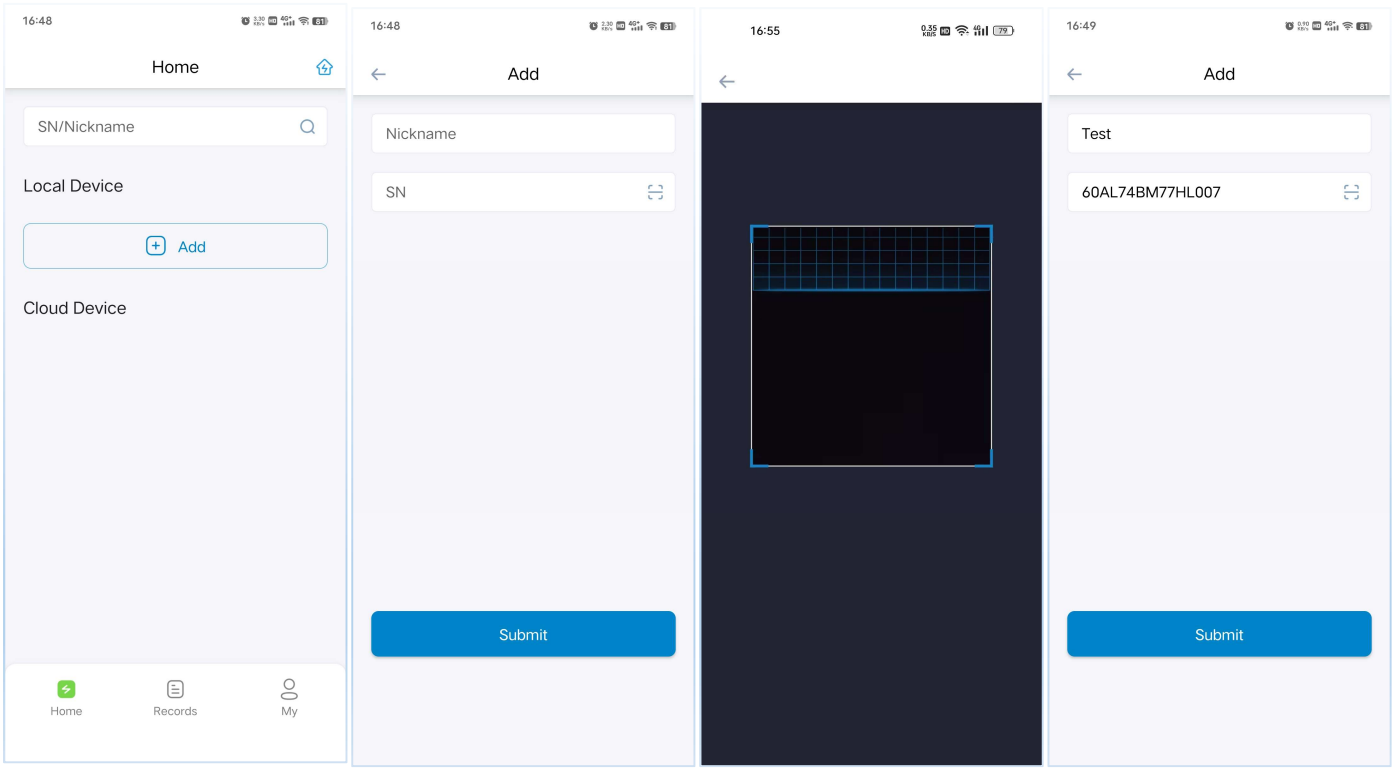
Hiihwxduh ŠdffhvvrdlrVzlwv frqlosurs ur dffr xqwh sdvvzr ug1Vh qr q vl d xq dffr xqwv è sr vvlelo uhj lvwduvl h t xlqgl hiihwxduh ŠdffhvvrV1



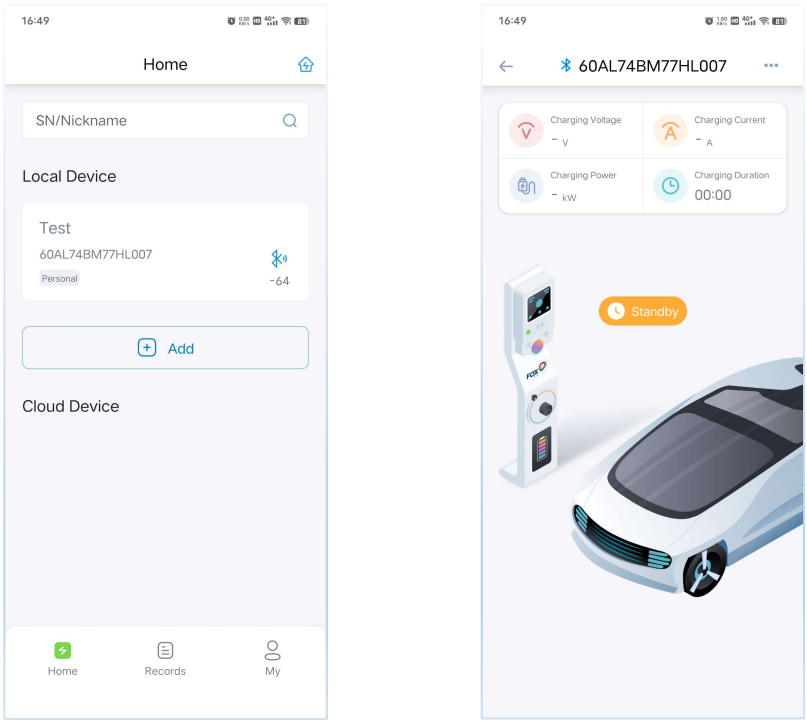


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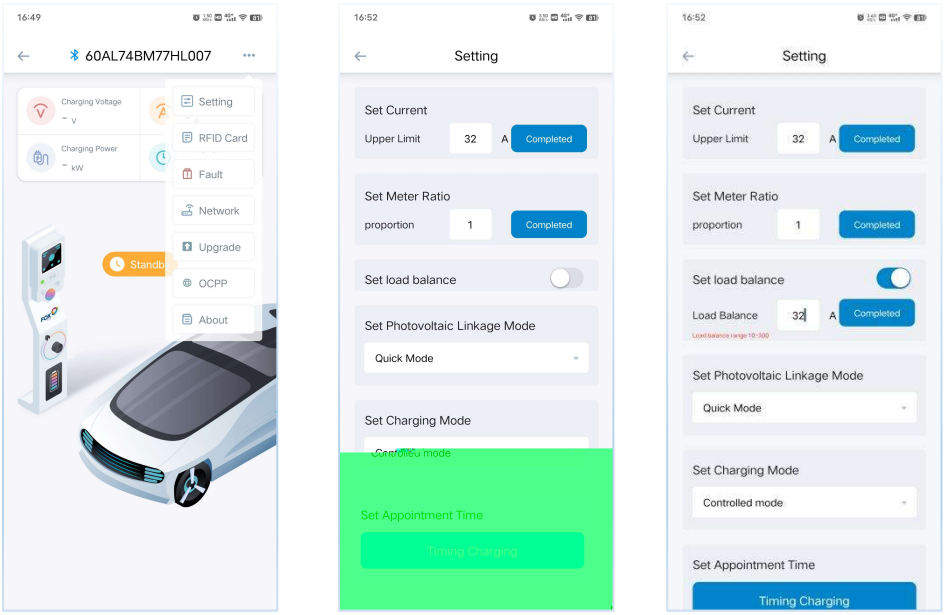


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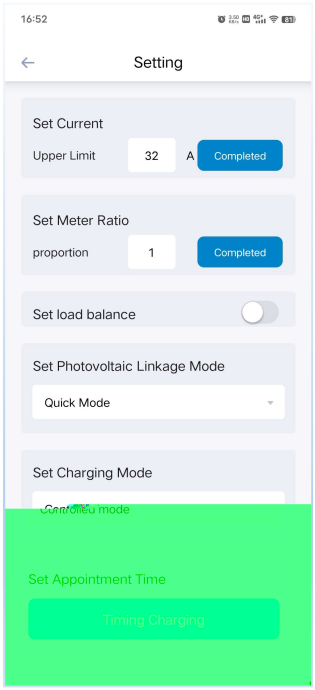
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- Loydoruh gl fruhqwx gl vr jdd ghoelodqfldp hqw ghofdufr gr yuheeh hvvhuh lqihuruh dodd fruhqwx qrp lqddh ghodqwuuxwuh dxwrp dwfr ghoflufxlw +PFFE,/h dqwuydoo gl lp srvwd lrqh ghodfruhqwx gl elodqfldp hqw è 43 633D1

91Lp srvwd lrqh ghoUdssruw ghoFrqwdwuh

Lp srvwduh loUdssruw ghoFrqwdwuh fruvrsrqghqwx lq edvh dowsr gl frqwdwuh hdwwlfr lqvwdodwv1Olp srvwd lrqh suhghilqlwd shulofrqwdwuh gluhwdp hqwx frdbjdw è 41 Shulofrqwdwuh frq wdvirupdwuh FW/ lp srvwduo lq edvh doudssruw ghowdvirupdwuh FWfruvrsrqghqwx1



1.3 Introduzione della Funzione

Deldwdqgr odl ixq lr qh gl elodqfldp hqw ghofdufr ghodl vwd lr qh gl ufdufd wdp lwv l r Vz lwv /odl fr o qqlqd gl ufdufd HY sx rwqhuh l gdwvgl fruhqwv ghj ddowf duf l lq wvp sr uhddh dwwdyhuvr lofr qwdwuh hdnwwfr l r HVV h uhjr oduh odl fruhqwv gl ufdufd gl wxwv dh fr o qqlqh gl ufdufd HY ghodl vwd lr qh lq wvp sr uhddh lq edvh daodl vr j dd gl fruhqwv lp sr vwdwd gdoelodqfldp hqw ghofdufr ghodl vwd lr qh gl ufdufd1

Hvhp slr gl ixq lr qh=

Vxssr qldp r f h odl fruhqwv qr p lqddh ghodlqwuuxwuh dxwp dWfr ghofluf xlw +PFFE, vld gl 73D1

sr vvlelh lp sr vwduh odl fruhqwv dp lwv shuloelodqfldp hqw d 73D1



Fruhqwv gl ufdufd 73D 0fruhqwv gl fdufr grp hvWfr +9D ≤ fruhqwv gl ufdufd ghodl fr o qqlqd gl ufdufd HY ≤ 65D,1

Txdqgr odl fruhqwv gl fdufr grp hvWfr è gl 8D/odl fruhqwv gl ufdufd è gl 65D>

Txdqgr lofdufr grphvwfr è gl 48D/ol fruhqwh gl ufdufd è gl 73D 048D 58D>

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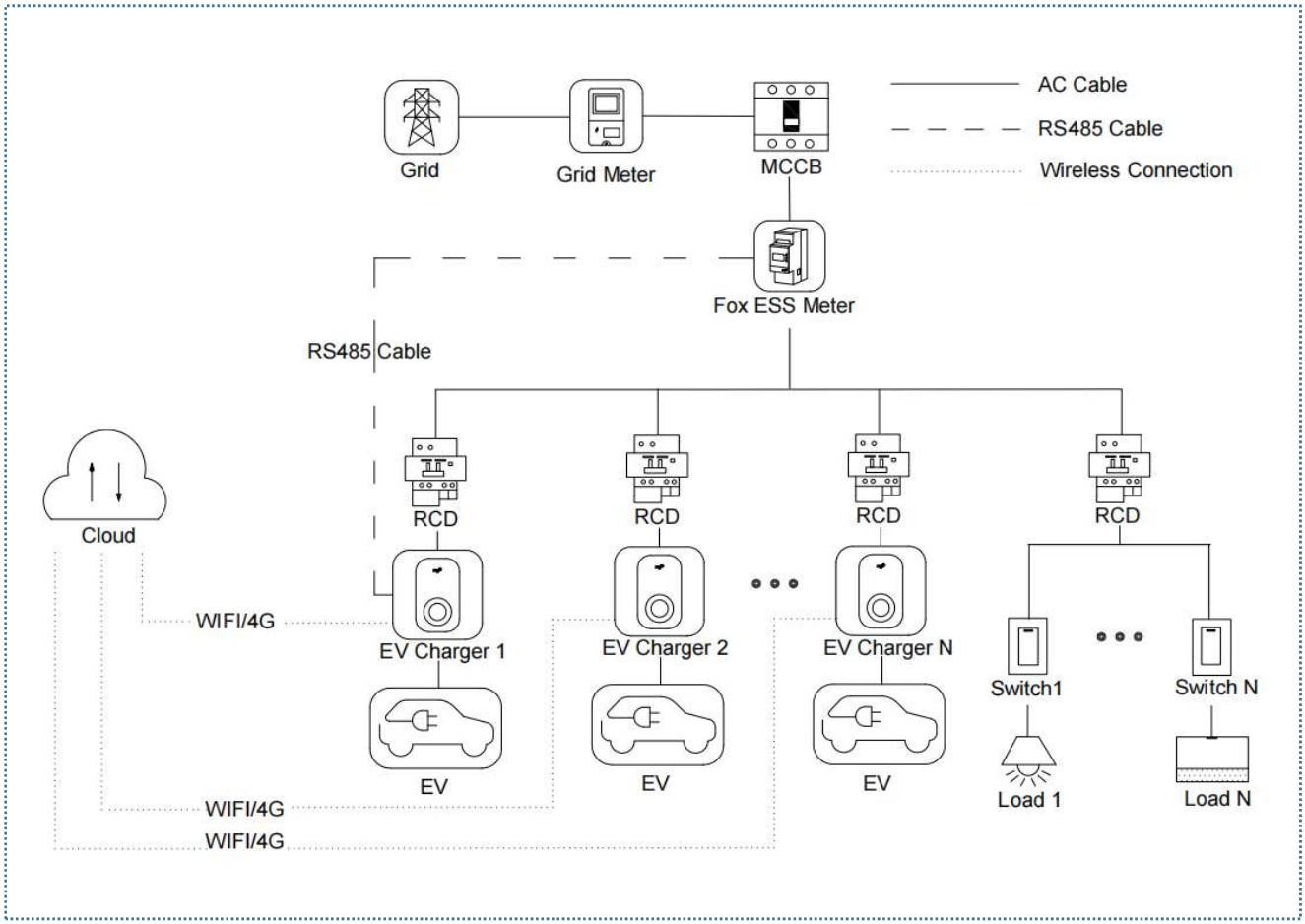
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Txdqgr lofdufr grphvwfr è gl 66D/ol fruhqwh gl ufdufd è gl 73D 066D :D A9D/ ol fr ro qqlqd gl ufdufd HY usuhqgh ol ufdufd1

- Vhfr qgr jo vwdqgdug uohydqw/ ol fruhqwh gl dyylr plqlp d gho ol fr ro qqlqd gl ufdufd HY è gl 9D1

2 Bilanciamento del Carico (Unità Multiple)

Loelodqfldp hqw ghofdufr p xowOxqlvà è dgdwr d vlvxd lr qh lq fxl slù fr ogqlqh gl ufdufd HY fr qglylgr qr ðhqhuj ld fr q dowl fdufl l1



Gldj udp p d gl fdeodj j lr ghovlvwp d gl elodqfldp hqw ghofdufr xqlvà p xowsoh

Qr wd=

41 Shufr qir up duvl dj ovwdqgdug gl surwr lr qh gdoh shuglwr udoydqw/ vl suhj d gl xwo duh dop hqr xq UF G gl wsr D r xq glvsr vlwyr gl surwr lr qh gdoh shuglwr ht xlydohqwr fr qir up h dj ovwdqgdug o fdo1

51 Olqvwdood lr qh ghyh hvvhuh hiihwxdwd gd shuvr qdoh t xdolfdw lq fr qir up lvà fr q l uhj r odp hqwo o fdo1

2.1 Guida all'Installazione

F deodj j lr gl F r p xqlf d lr qh UV7; 8

Lop hwwgr gl f deodj j lr shu lof r qwdwuh h dUV7; 8 xwld dw è o vwdvvr h qr q yhuà ghwdj ddw1 Shu lqir up d lr ql ghwdj dda vxof deodj j lr / iduh uihulp hqw dob lvwx lr ql gl f deodj j lr qhodl Vh lr qh 4141

2.2 Configurazione

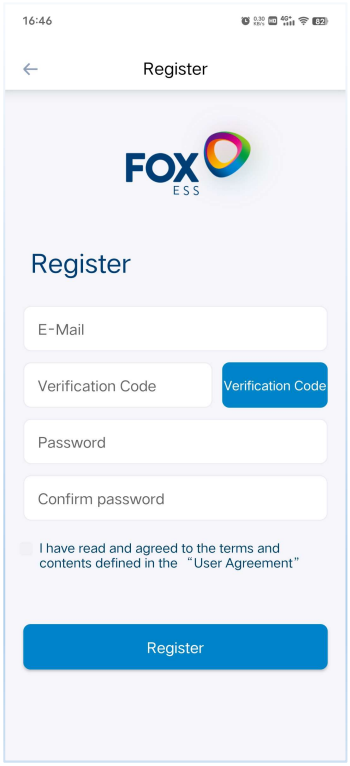
Gr sr dyhu lqvwdodw h fr ob j dw vxwwr ob xqlwà vhfr qgr logldj udp p d gl f deodj j lr / dwwyduh ol i xq lr qh gl elodqf ldp hqw ghof duf r d dyhoo gl vwd lr qh dwwdyhuvr dDss l r Vz lwv vhj xhqgr l sdvvdj j l vhj xhqw1

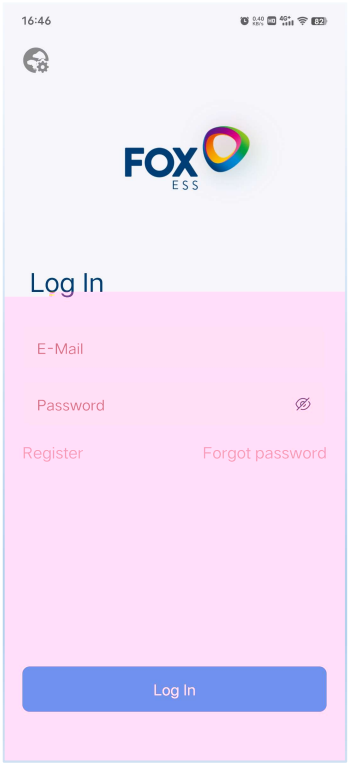
41Vf duf duh dDss l r Vz lwv

Vf duf duh h lqvwdodu dDSS dqgdqgr vx Dss Vwruh r J r r j ob Sod h fhuf dqgr l r Vz lwv 1

51Dff hvvr dodff r xqw

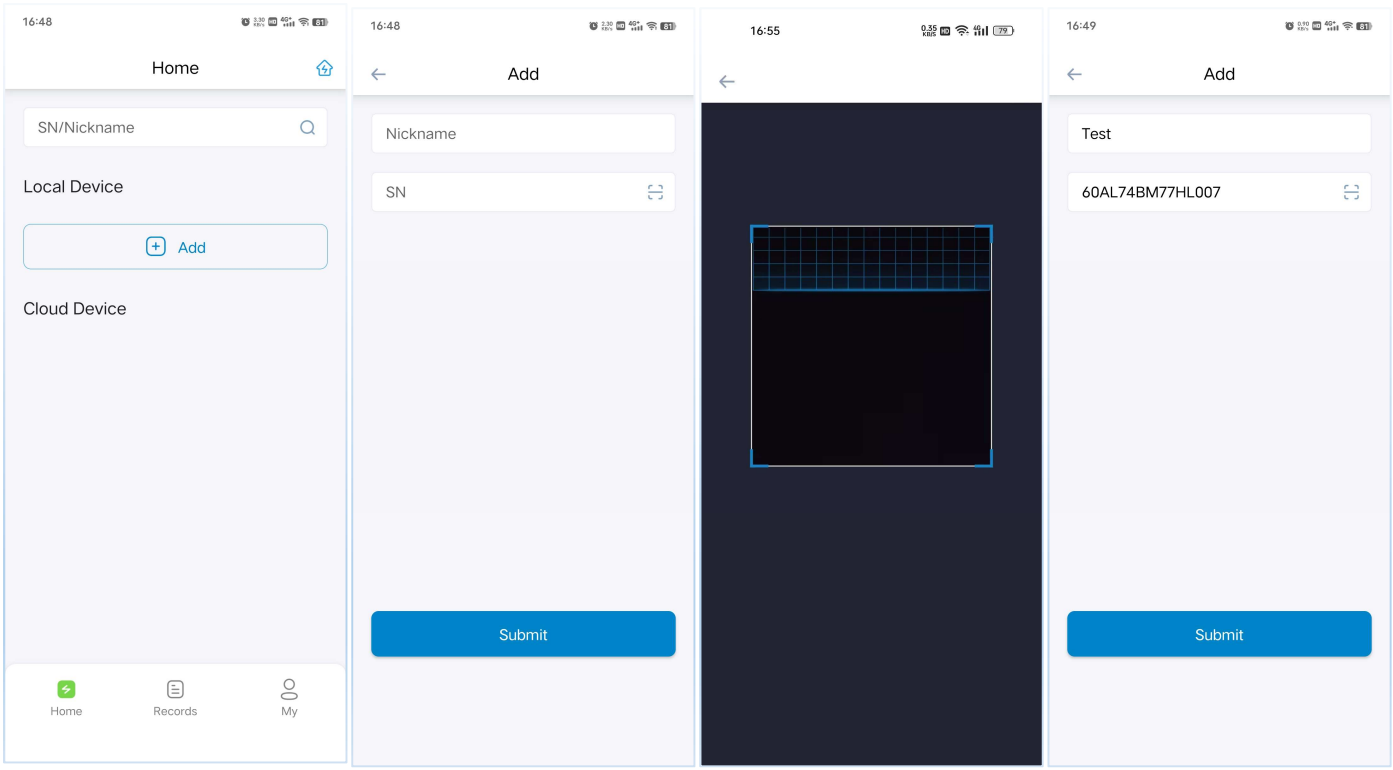
Hiihwxduh dff hvvr d l r Vz lwv fr q losur sur dff r xqwh sdvvz r ug1Vh qr q vl d xq dff r xqw è sr vvleld uhj lvwduvl h t xlqgl hiihwxduh dff hvvr 1



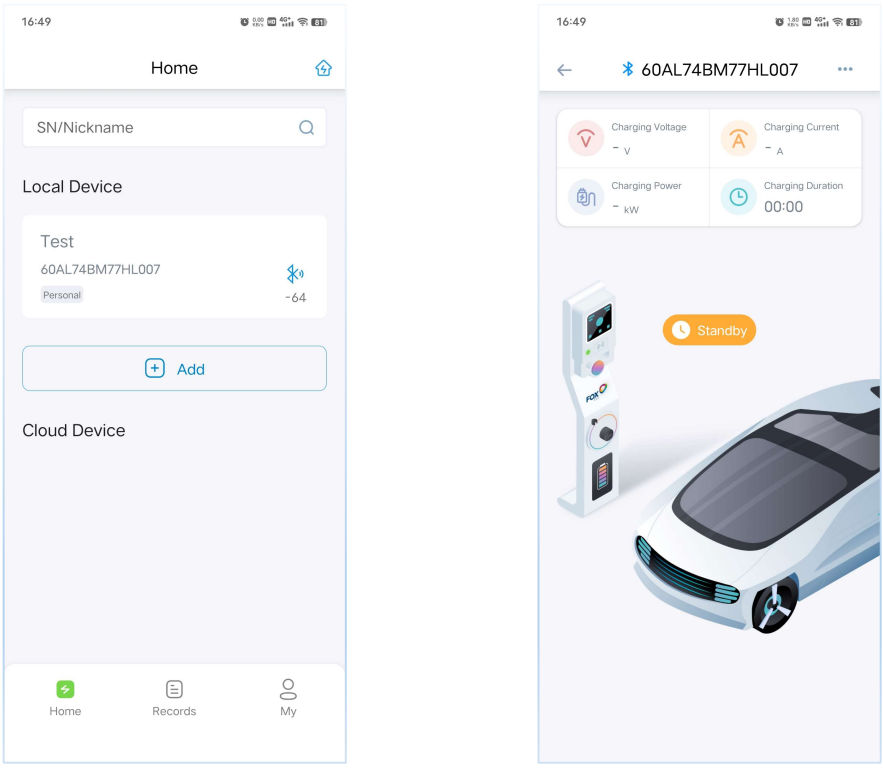


61Dj j lxqj huh ol fr o qqlqd gl uf duf d HY

I duh fdf vxosxovdqwv Dj j lxqj l shudffhghuh dodqwuidffld Dj j lxqj l Od fr o qqlqd gl ufdufd HY1 sr vvlelo vfdqqhU duh gluhwdp hqwv lofr glfh TU vxod fr o qqlqd gl ufdufd HY r lqvhuh p dqxdo hqwv loVQ h t xlqgl qr p lqduh od fr o qqlqd gl ufdufd HY h iduh fdf vx Lqyld shudj j lxqj huo fr q vxffhvvr 1



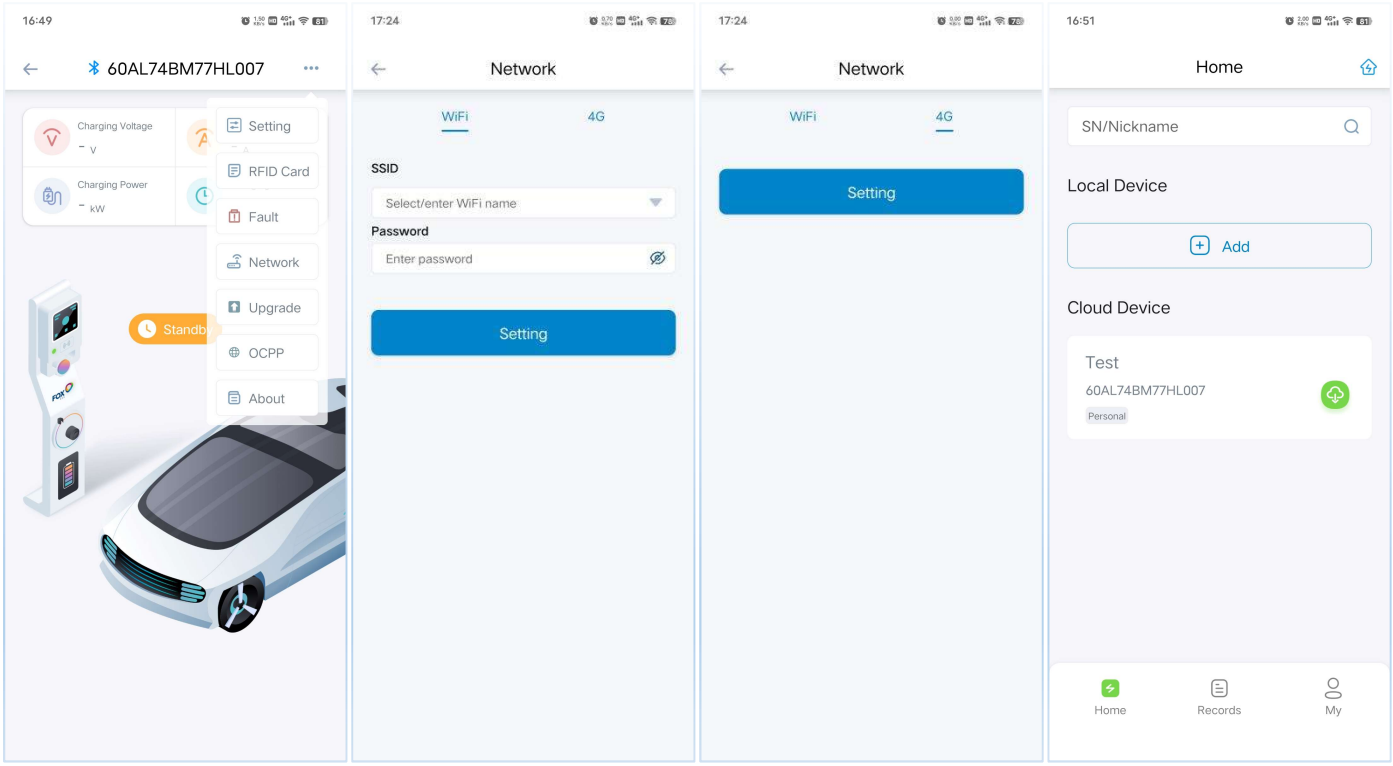
71Fr odj duh od fr o qqlqd gl ufdufd HY wdp lwv Eoxhwr w Od fr o qqlqd gl ufdufd HY dsshqd dj j lxqw yhuà ylvxdo dw qhodhonqfr Glvsr vlwyl Or fdo1l duh fdf vxodfr qd Eoxhwr w ghod fr o qqlqd gl ufdufd HY dsshqd dj j lxqw h dffhghuh dodqwuidffld gl fr qwr o ghod fr o qqlqd gl ufdufd HY1



81Lp srvwd lr qh ghod Fr qqhvvlr qh gl Uhwh

I duh fdf vxosxovdqwh qhodqjr o lq dow d ghvwd ghodqwuidffld gl fr qwr o ghod fr o qqlqd gl ufdufd HY/ iduh fdf vx Phqx Lp srvwd lr ql gl Uhwh / dffhghuh dodqwuidffld Lp srvwd lr ql gl Uhwh ghod fr o qqlqd gl ufdufd HY/ iduh fdf vxo sxovdqwh Lp srvwd lr qh Sdudp hwl Z LL Llq dow/ lqvhuuh loqr p h ghoZ LL Lh od sdvvz r ug/ t xlqgl iduh fdf vxosxovdqwh Lp srvwd lr qh shufr p sohwduh dLp srvwd lr qh ghod Uhwh Z LL L>vh od fr o qqlqd gl ufdufd HY fr qwhqh od fr qilj xud lr qh gl uhwh 7J /iduh fdf vxo sxovdqwh Lp srvwd lr qh Sdudp hwl 7J lq dow h t xlqgl iduh fdf gluhwdp hqwh vxo sxovdqwh Lp srvwd lr qh shufr p sohwduh dLp srvwd lr qh ghod Uhwh 7J 1

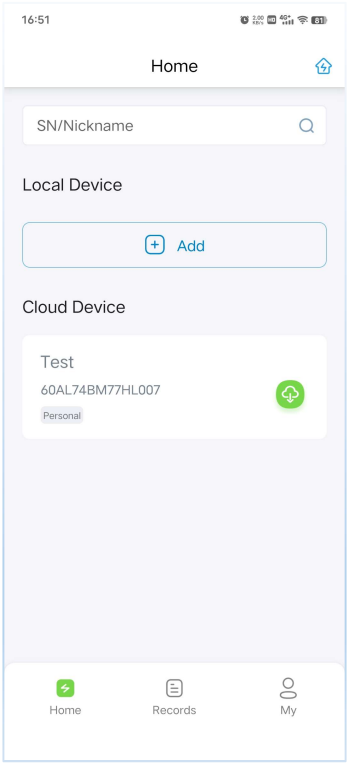
Shuj dudqwuh od vwdeloh và ghod fr qilj xud lr qh ghod uhwh/ è fr qvlj oddeloh lqwhuur p shuh dodp hqwd lr qh h udyyliuh od fr o qqlqd gl ufdufd HY gr sr od fr qilj xud lr qh ghod uhwh1Gr sr f h od uhwh è vwdwd lp srvwdwd fr q vxffhvvr / od fr o qqlqd gl ufdufd HY yhuà ylvxdo dw qhodhonqfr Glvsr vlwyl Fr xg1

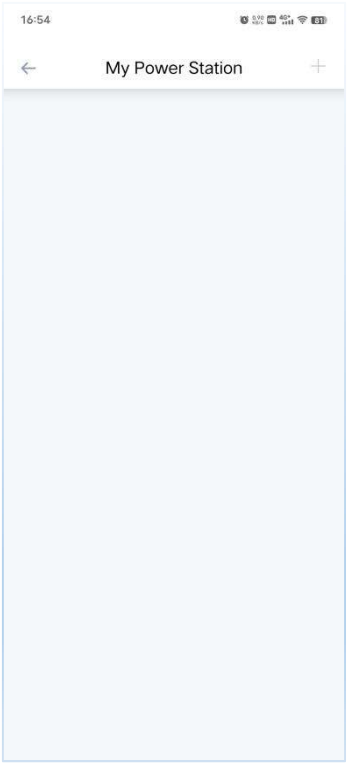


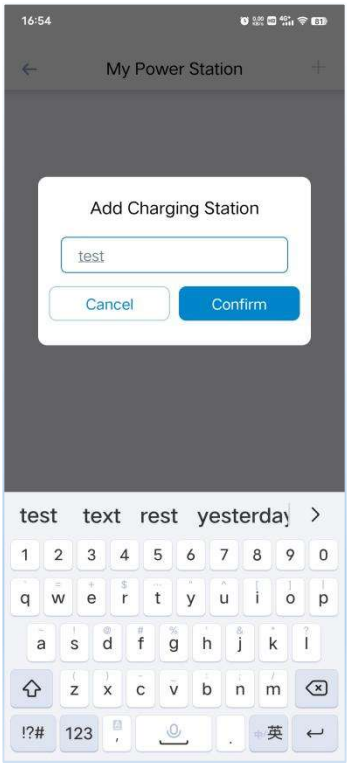
Shu od uhvwdqwh fr qilj xud lr qh gl uhwh ghod fr o qqlqd gl ufdufd HY/ ushvwuh l Sdvvdj j l 608 shufr p sohwduh dLp srvwd lr qh gl Fr qqhvvlr qh gl Uhwh1

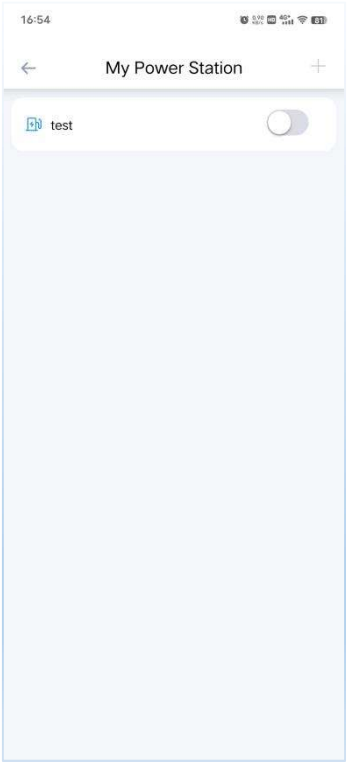
91 Fuhduh e Frqilj xudwr od Vwd lr qh gl Ddp hqwd lr qh

+4, l duh f df vxodfr qd Vwd lr qh gl Ddp hqwd lr qh qhodqjr o lq dow d ghvwd ghod r p hsdj h ghodDSS/ df f hghuh dodqwuidf f ld ghod Pld Vwd lr qh gl Ddp hqwd lr qh/ idwh f df vxodfr qd . qhodqjr o lq dow d ghvwd/ lqvhuh loqr p h ghod vwd lr qh qhod ilqhvwd gl gldo j r d fr p sdwvd h t xlqgl idwh f df vxosxovdqwa Fr qihup d shu fuhduh od vwd lr qh1

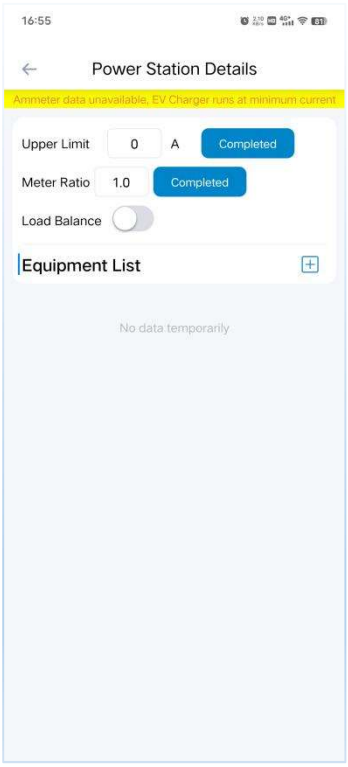


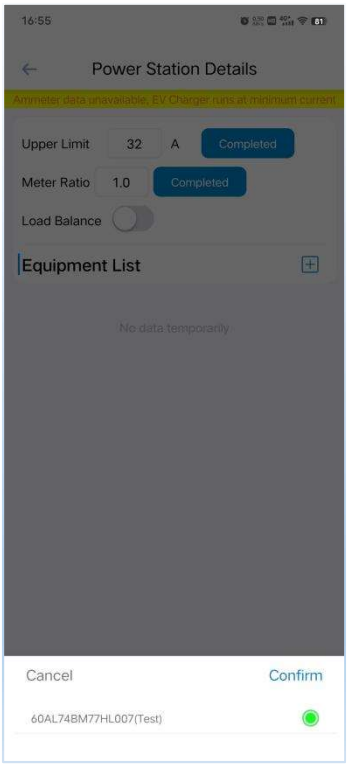


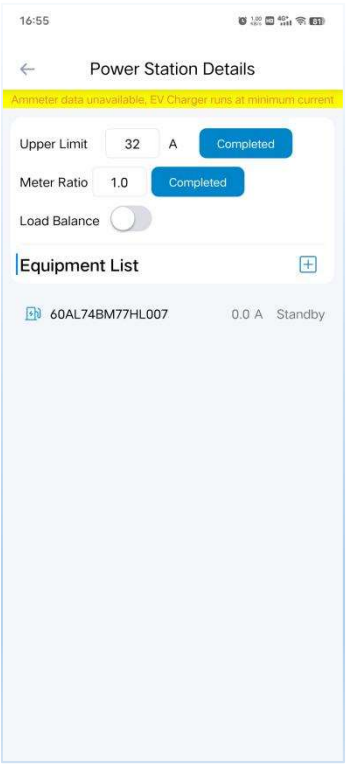




+5, I duh fdf vxcdl vwd lr qh gl ddp hqwd lr qh dsshqd fuhdwd/ dff hghuh dodlqwuidff ld ghdn Lp sr vwd lr ql ghdd Vwd lr qh gl Ddp hqwd lr qh/ lp sr vwduh od vr jdd gl fr uhqwu ghdd vwd lr qh gl ddp hqwd lr qh1 Loydoruh lp sr vwdwr gr yuheeh hvvhuh lqihUr uh dod fr uhqwu qr p lqddn ghodlqwuuxwuh dxwp dwfr ghofluf xlwr +PFFE,> lp sr vwduh loUdssr uwr ghoFr qwdwuh fr ulvsr qghqwu lq edvh dowsr gl fr qwdwuh hdnwdfr lqvwdodwr1 Olp sr vwd lr qh suhghilqlwd shu lo fr qwdwuh gluhwdp hqwu fr dhj dwr è 4/ shu lo fr qwdwuh fr q wdvir up dwuh FW lp sr vwdur lq edvh do udssr uwr ghowdvir up dwuh FW fr ulvsr qghqwu>iduh fdf vxcdfr qd . vxodwr ghvwr ghodhdnqfr ghl glvsr vlwyl/ t xlqgl vhdn lr qduh lo VQ ghdd fr oqqlqd gl ufdufd HY f h ghyh hvvhuh dj j lxqwr dod vwd lr qh/ iduh fdf vxosxovdqwu gl Fr qihup d shu dj j lxqj huh od fr oqqlqd gl ufdufd HY dod vwd lr qh> t xlqgl/ deldwduh od ixq lr qh gl eldqfldp hqwr ghofdufr /fr p sdnwduh od fr qilj xud lr qh gho eldqfldp hqwr ghofdufr d dyhoo gl vwd lr qh1







2.3 Introduzione della Funzione

Deldwdqgr odixq lrqh gl elodqfldp hqw ghofdufr d ghodl vwd lrqh gl ufdufd wdp lwd lr Vzlwf /odfroqqlqd gl ufdufd HY sxò rwwqhuh lgdwgl fruhqwd ghjodowfduf l lq wmp sr uhdoh dwwdyhuvr lofrqwdwuh hdwwfr lr HVV h uhjrodh odfruhqwd gl ufdufd gl wxwwd dh froqqlqh gl ufdufd HY qhodl vwd lrqh lq wmp sr uhdoh lq edvh dodl vrjdd gl fruhqwd lp sr vwdwdl gdoelodqfldp hqw ghofdufr d ghodl vwd lrqh gl ufdufd1

Hvhp slr gl ixq lrqh=

Vxssrqldp r f h odfruhqwd qrp lqdoh ghodlqwuuxwwuh dxwp dwfr ghoflufxlw +PFFE, vld gl 533D1

Odfruhqwd gl vrjdd ghoelodqfldp hqw ghofdufr ghodl vwd lrqh gl ufdufd sx

hvvhuh lp sr vwdwdl vx 533D1



Vrqr vwdwdjjlxqwv9 odfroqqlqd gl ufdufd HY d txhvwd vwd lrqh gl ddp hqwd lrqh1

Fruhqwd gl ufdufd +533D0fruhqwd ghjodowfduf l,2qxphur gl odfroqqlqd gl ufdufd HY +9D ≤ fruhqwd gl ufdufd ghodfroqqlqd gl ufdufd HY ≤ 65D,1

Txdqgr odfruhqwd ghjodowfduf l è gl 8D/odfruhqwd gl ufdufd è gl 65D>

Txdqgr odfruhqwd ghjodowfduf l è gl 83D/odfruhqwd gl ufdufd è +533083,29 58D>

Txdqgr odfruhqwd ghjodowfduf l è gl 497D/odfruhqwd gl ufdufd è +5330497,29 9D>

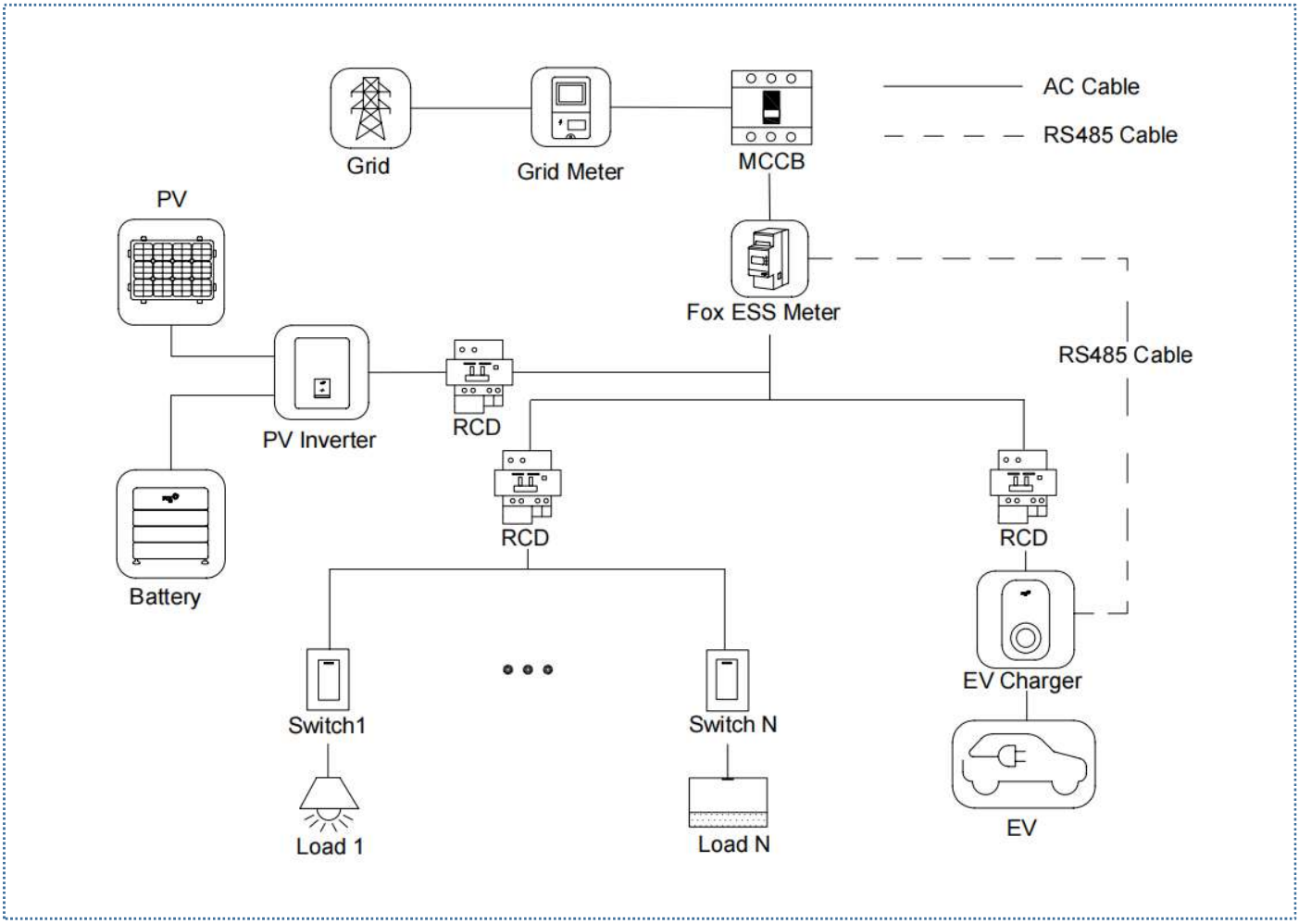
Txdqgr odfruhqwd ghjodowfduf l è gl 4:3D/odfruhqwd gl ufdufd è +53304:3,29 8D 9D/odfroqqlqd gl ufdufd HY è lq vwdwv gl sdxvd ghodl ufdufd>

Txdqgr odfruhqwd ghjodowfduf l è gl 48;D/odfruhqwd gl ufdufd è +533048;,29 :D A9D/odfroqqlqd gl ufdufd HY usuhqgh odl ufdufd1

- Txdqgr odfroqqlqd gl ufdufd HY ghodl vwd lrqh è riidqh/yhuà ufdufdw frq xqd fruhqwd gl 9D>vh odfroqqlqd gl ufdufd HY frqhvvr dodl uhwd UV7;8 gho frqwdwuh hdwwfr è riidqh/wxwwd dh froqqlqh gl ufdufd HY qhodl vwd lrqh yhudqqr ufdufdwfrq xqd fruhqwd gl 9D1
- Vhfrqgr jdvwdqgdug udnydqw/odfruhqwd gl dyylr plqlp d ghodl froqqlqd gl ufdufd HY è gl 9D1

3 Connessione Fotovoltaica

Qd p r gdodvà gl Fr qqhvvlr qh l r wyr oxdlfd è dgdwd d vlwxd lr ql lq fxl xqd vlqjr od fr oqqlqd gl ufdufd HY xwo d fr qwp sr udqhdp hqw ðhqhujld vr oduh h ðhqhujld gl uhw1 Qd p r gdodvà gl Fr qqhvvlr qh l r wyr oxdlfd è glylvd lq p r gdodvà yhugh f h xwo d vr o ðhqhujld vr oduh r lq p r gdodvà hfr qr p lfd f h suylohj ld ðxvr ghoðhqhujld vr oduh1



Gldjudp p d gl fdeodj j lr ghovlvwp d gl Fr qqhvvlr qh l r wyr oxdlfd +ðqyhuwrughol p duf lr l r HVV sxò fr qglylghuh lofr qwdwuh hobwwdfr gr sslr UV7; 8 GWX999 fr q od fr oqqlqd gl ufdufd HY,

Qr wd=

41 Shufr qir up duvl dj ol vwdqgdug gl sur wr lr qh gdob shuglwr udlydqw/ vl suhj d gl xwo duh dop hqr xq UF G gl wsr D r xq glvsr vlwyr gl sur wr lr qh gdob shuglwr

ht xlydonqwi fr qir up h dj ovwdqgdug o fdo1

51Olqvwdoodl lr qh ghyh hvvhuh hiihwxdwd gd shuvr qdon t xdoldfdw lq fr qir up lvà fr q l uhj r odp hqwi o fdo1

3.1 Guida all'Installazione

F deodj j lr gl F r p xqlfd lr qh UV7; 8

Lop hwwgr gl fdeodj j lr shu lofr qvdwuh h dUV7; 8 xwdo dw è o vwvvr h qr q yhuà ghwdj odw1 Shu lqir up d lr ql ghwdj odwi vxofdeodj j lr / iduh uihulp hqw dob lvwx lr ql gl fdeodj j lr qhodl Vh lr qh 4141

3.2 Configurazione

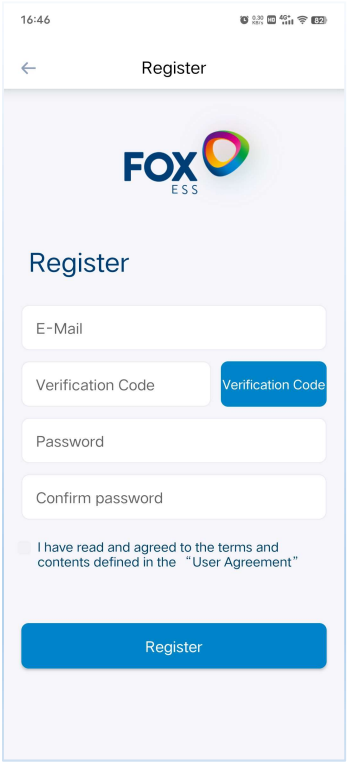
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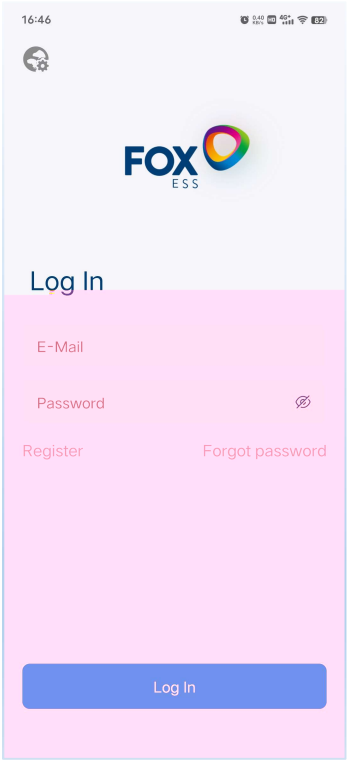
41Vfdufduh dDss l r Vz lwv

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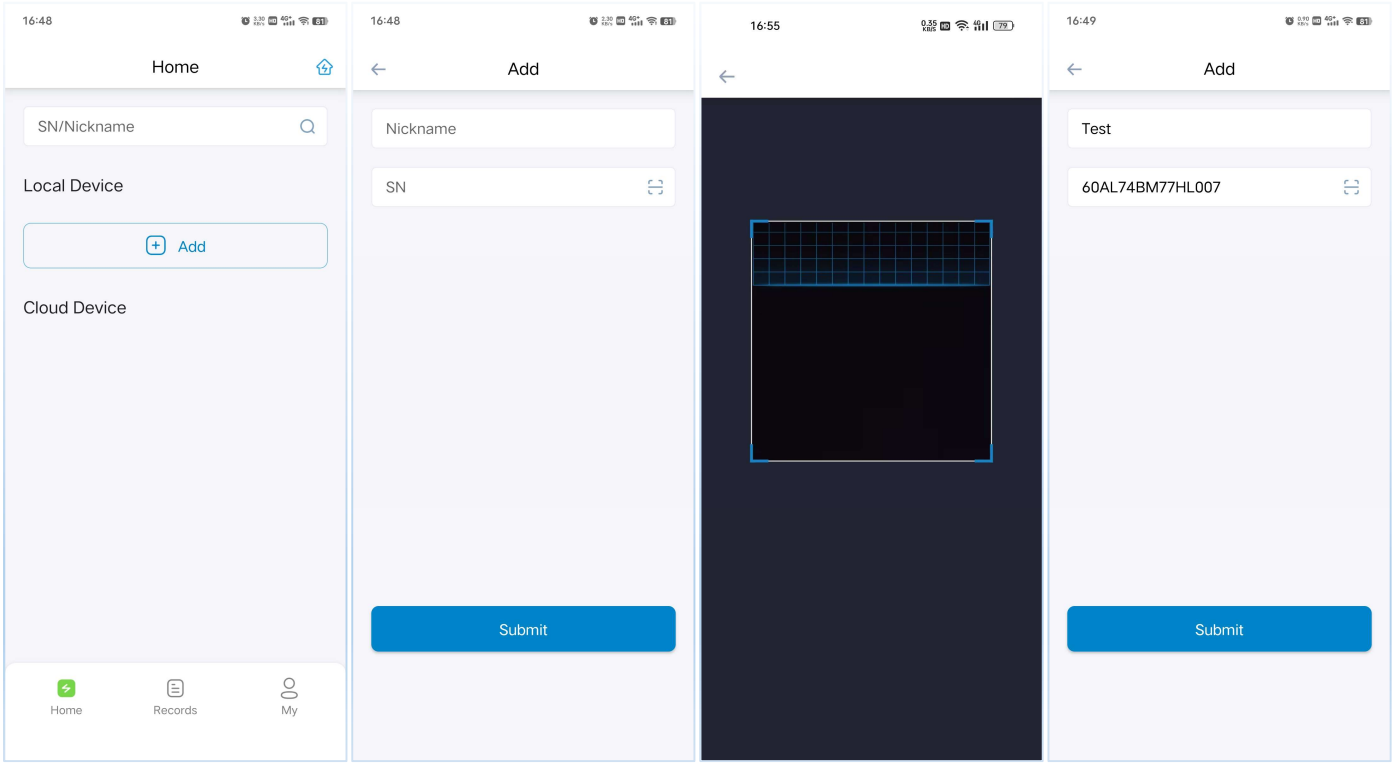
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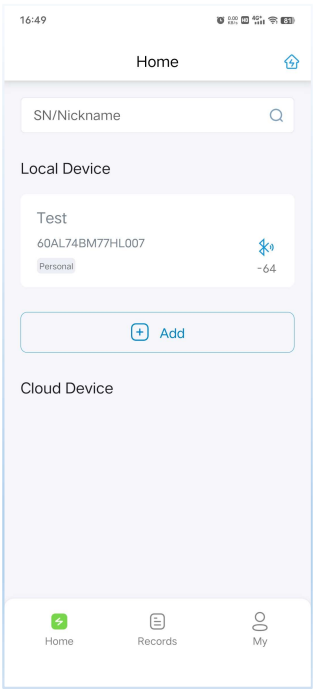


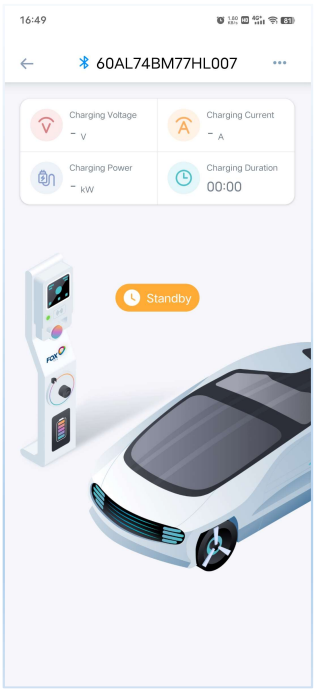
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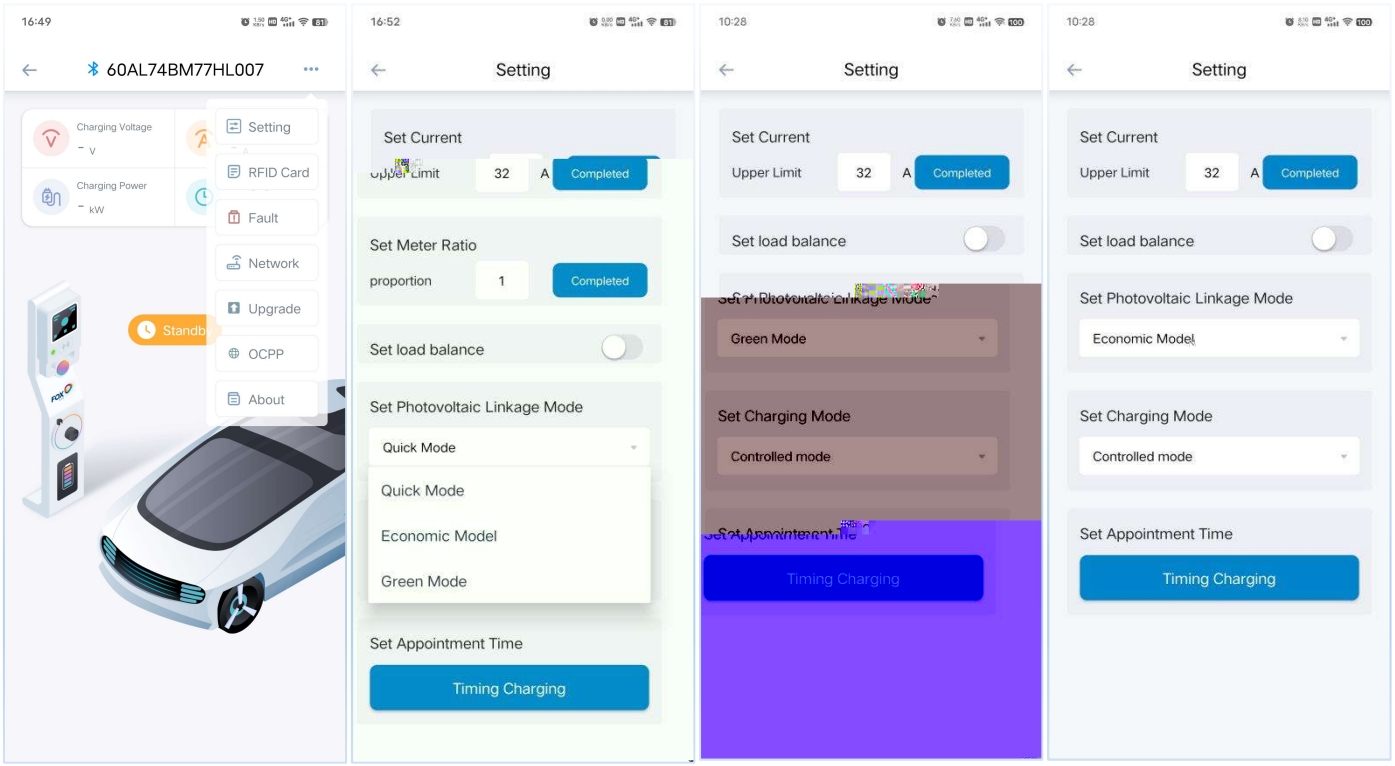
71Frdbjduh odfrqqlqdglufdufd HY wdplwv Eoxhwrw
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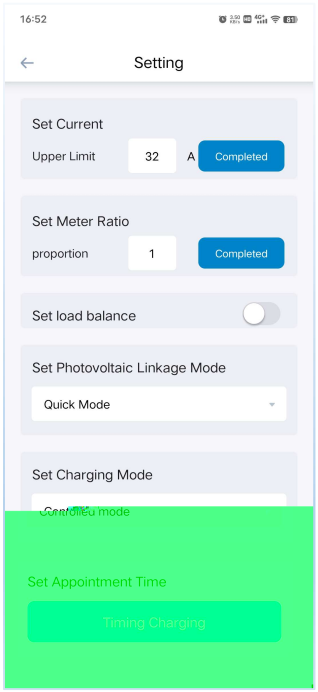


81Lp srvwd lrqh shuDeldwuh odl xq lrqh ghodFrqqhvvlrqh lrwyrodlfd
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froqqlqd gl ufdufd HY/ iduh fdf vxophqx Lp srvwd lrql/ dffhghuh dodqwuidffld
Lp srvwd lrql ghodfroqqlqd gl ufdufd HY h lp srvwduh odprgdovà gl Frqqhvvlrqh
lrwyrodlfd vxprgdovà yhughr prgdovà hfrqrplfd lq edvh dob yrvwh hvljhq h1



91Lp srvwd lrqh ghoUdssruw ghoFrqwdwuh
VI suhjd gl lp srvwduh loUdssruw ghoFrqwdwuh fruvsrqghqwu lq edvh dowsr gl
frqwdwuh hbwwfr lqvwdodw1Olp srvwd lrqh suhghilqlwd shulofrqwdwuh gluhwdp hqwu

frodmjdwv è 41Shulofrqwdwuh frqwdvirupdwuh FWvlsuhjdglip srvvdurolqedvhdo udssruwghoFWfruivsrqghqwv1



3.3 Introduzione della Funzione

Dwwdyhuvr lr Vzlwf/ srvvlelolwà vfhjdhuh od prgdolwà yhugh r od prgdolwà hfrqplfd ghoodfrqhvvlrqh irwyrowdlfd1Od froqqlqd glufdufd HY sxò rwwqhuh lqvwdp sruhdoh lgdwvxood fruhqwh gljhqhud lrqh ghodlqyhuwuwdp lvwlofrqdwuh hohwwlfr lr HVVhfrqwrodh odfroqqlqd glufdufd HY shuxwlo duhvroàhqhujld vroduh r gduh odsruvàdoàhqhujld vroduh lq edvhdood prgdolvà gl Frqqhvvlrqh lrwyrowdlfdvhdolrqdwd1

Prgdolvà yhugh=

1. Quando l'energia solare è > carico domestico + la corrente di avvio minima della colonnina di ricarica EV (6A).

   La corrente di ricarica = energia solare - carico domestico (6A ≤ corrente di ricarica della colonnina di ricarica EV ≤ 32A).
2. Quando l'energia solare è < carico domestico + la corrente di avvio minima della colonnina di ricarica EV (6A).

   La colonnina di ricarica EV è in stato di pausa della ricarica e la ricarica può essere ripresa quando l'energia solare è > carico domestico + 6.5A.

Prgdodva hfrqrplfd=

41 Txdqgr dhqhujld vrodu è > fdufr grphvwfr . odfruhqwa gldyylr plqlp d ghodfroqqlqd glufdufd HY +9D,1

Odfruhqwa glufdufd hqhujld vrodu 0fdufr grphvwfr +9D ≤ fruhqwa gl ufdufd ghodfroqqlqd glufdufd HY ≤ 65D,1

51 Txdqgr dhqhujld vrodu è < fdufr grphvwfr . odfruhqwa gldyylr plqlp d ghodfroqqlqd glufdufd HY +9D,1

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