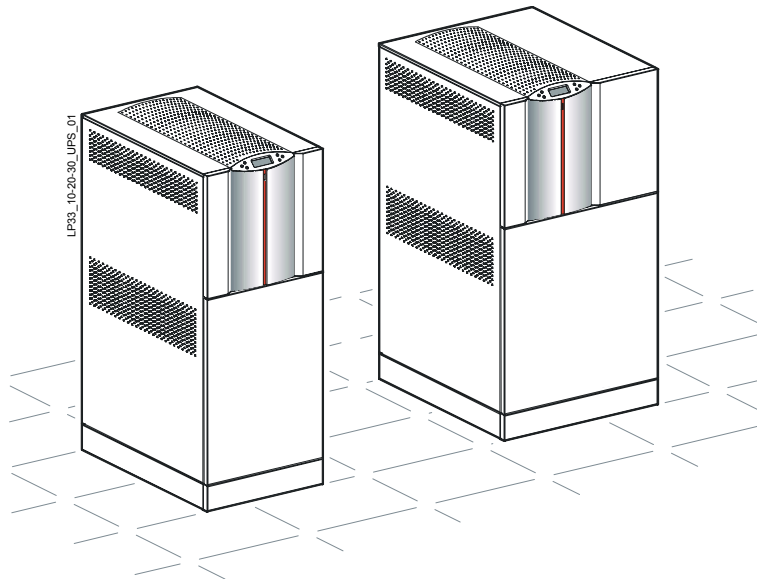




GE Digital Energy



SCHEMATICS
UNINTERRUPTIBLE POWER SUPPLY

LanPro 33

10 - 20 - 30 kVA
Series 3



GE Digital Energy
General Electric Company

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LanPro UPS

Technology for the digital world

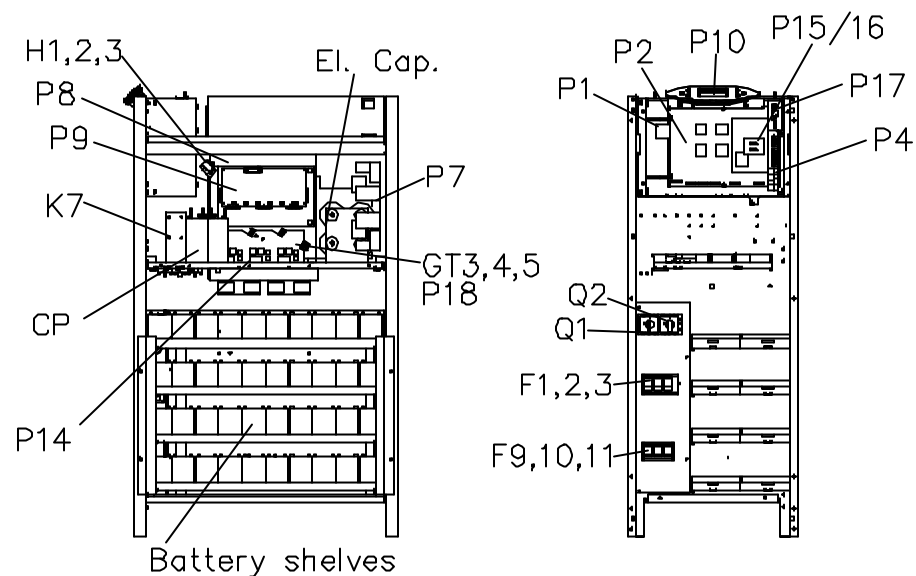


Model: **LanPro 33 / 10 - 20 - 30 kVA / Series 3**
Date of issue: **15.01.2002**
File name: **EDW_LPE_33X_K10_K30_3GB_V030**
Revision: **3.0**
Author: **Raimondo Bizzozero**
Identification No.: **.**

UPS SCHEMATICS

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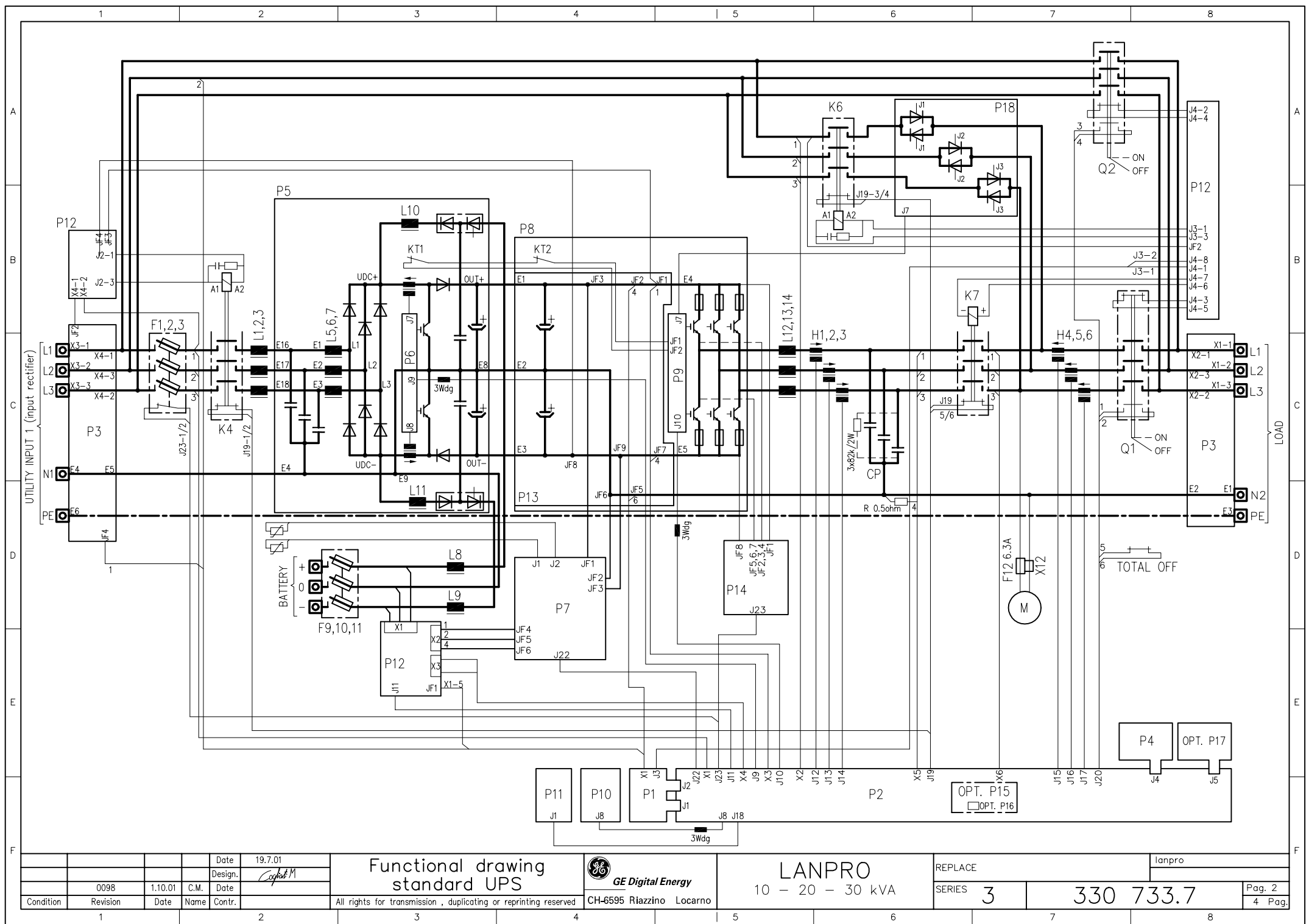
Drawing title:	Drawing number:	
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Parallelconnection (option)	330 733.7	page 4/4



10-20kVA

30kVA

COMPONENT	10kVA	20kVA	30kVA
P1= Power supply	IM0013	IM0013	IM0013
P2= Mainboard	IM0014	IM0014	IM0014
P3= IN/OUT Filter	IM0020	IM0027	IM0028
P4= Customer interface	IM0005	IM0005	IM0005
P5= Rect + Boost power + Batt. thyr. board	IM0016	IM0010	IM0019
P6= Booster + Batt.Thyr. driver	IM0009	IM0009	IM0009
P7= Battery charger	IM0012	IM0012	IM0012
P8= Inverter power board	IM0011	IM0011	IM0022
P9= Inverter driver	IM0008-10	IM0008-20	IM0008-30
P10= Display board	IM0015/0043	IM0015/0043	IM0015/0043
P11= Check light	IM0018	IM0018	IM0018
P12= Control interface	IM0029	IM0029	IM0029
P13= Elco Board			IM0021
P14= Fuse blown detector	IM0032	IM0032	IM0032
P15= Parallel Board (Option)	IM0026	IM0026	IM0026
P16= Connector Adapter for parallel (Option)	IM0031	IM0031	IM0031
P17= SNMP card (Option)	IM0025	IM0025	IM0025
P18= SSM Driver	IM0040	IM0040	IM0040
L1,2,3 = FILTER AC PHASE	BP-B-1034	BP-B-1035	BP-B-1036
L5,6,7,10,11 = BOOSTER CHOKE	BP-B-1043	BP-B-1044	BP-B-1045
L8,9 = FILTER DC	BP-B-1040	BP-B-1041	BP-B-1042
L12,13,14 = INVERTER CHOKE	BP-F-1071	BP-F-1072	BP-F-1073
Q1,2	25A	32A	63A
K4 {230V}	32A	32A	50A
K6 {230V}	32A	32A	50A
K7 {24V}	32A	50A	50A
GT3,4,5	27A/1200V	90A/1200V	90A/1200V
F1,2,3	20A	40A	63A
F9,10,11	25A	50A	80A
M	3x150 m3/h	3x150 m3/h	3x186+150 m3/h
CP	3x50uF	3x100uF	3x150uF
H1,2,3,4,5,6	100A/4V (2Wdg)	100A/4V	100A/4V
RECT.+BOOSTER+BATT. THYR.			
RECTIFIER DIODE	3x42A 1200V	3x102A 1200V	3x102A 1200V
BOOSTER IGBT/DIODE	1x75A 600V	2x75A 600V	4x100A 1200V
BOOSTER DIODE/IGBT	1x75A 600V	2x75A 600V	4x100A 1200V
BATTERY THYRISTOR	2x40A 1200V	2x95A 1200V	2x95A 1200V
ELECTROLYTIC CAPACITOR	2x4700uF 450V	4x4700uF 450V	2x4700uF 450V
INVERTER			
IGBT	3x50A 1200V	3x100A 1200V	3x150A 1200V
FUSES	6x50A	6x100A	6x160A
ELECTROLYTIC CAPACITOR			4x4700uF 450V



				Date	19.7.01
				Design.	<i>Copilot M</i>
	0098	1.10.01	C.M.	Date	
Condition	Revision	Date	Name	Contr.	

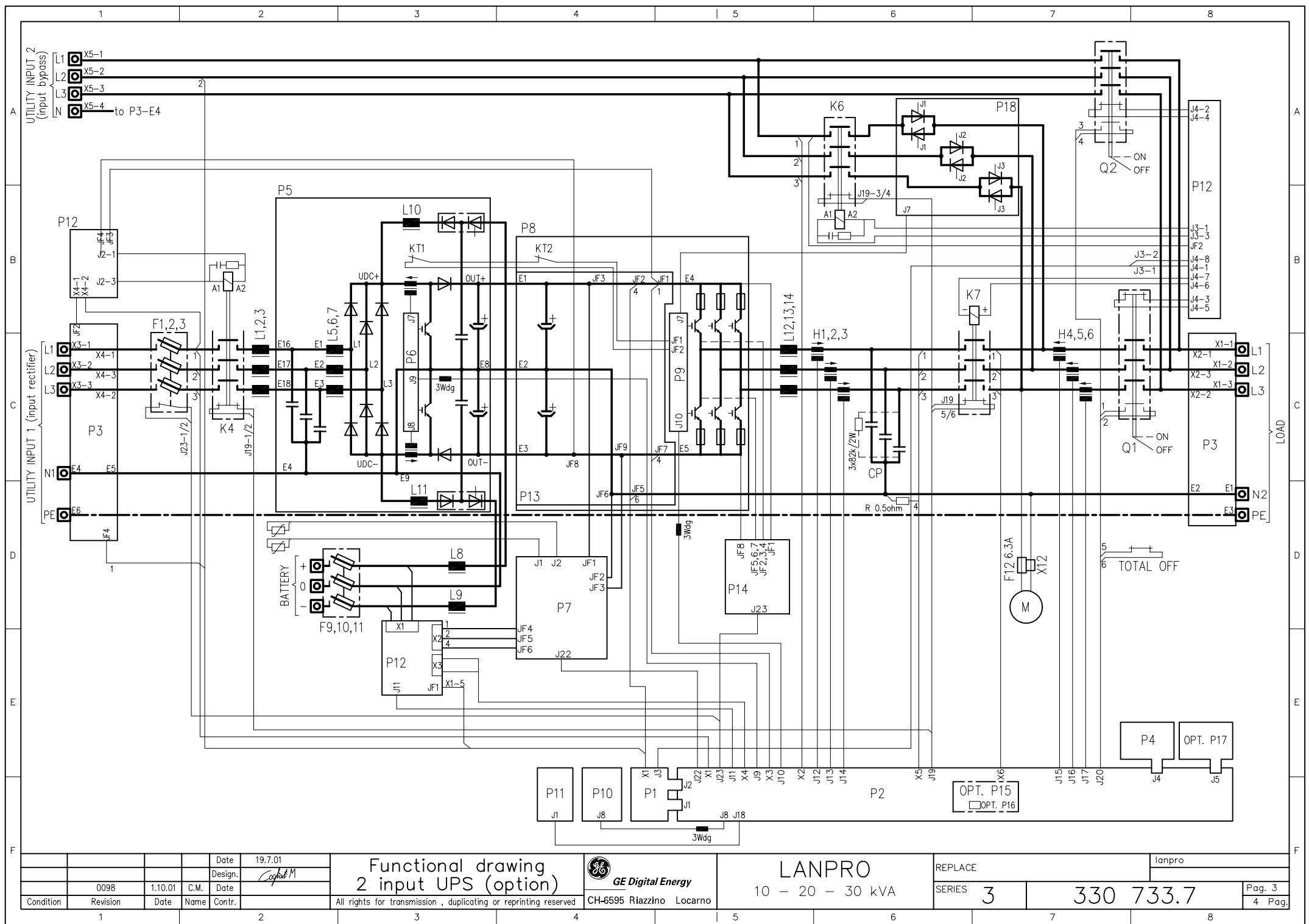
Functional drawing
standard UPS

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CH-6595 Riazzino Locarno

LANPRO
10 - 20 - 30 kVA

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				Date	19.7.01
				Design.	<i>Copilot M</i>
	0098	1.10.01	C.M.	Date	
Condition	Revision	Date	Name	Contr.	
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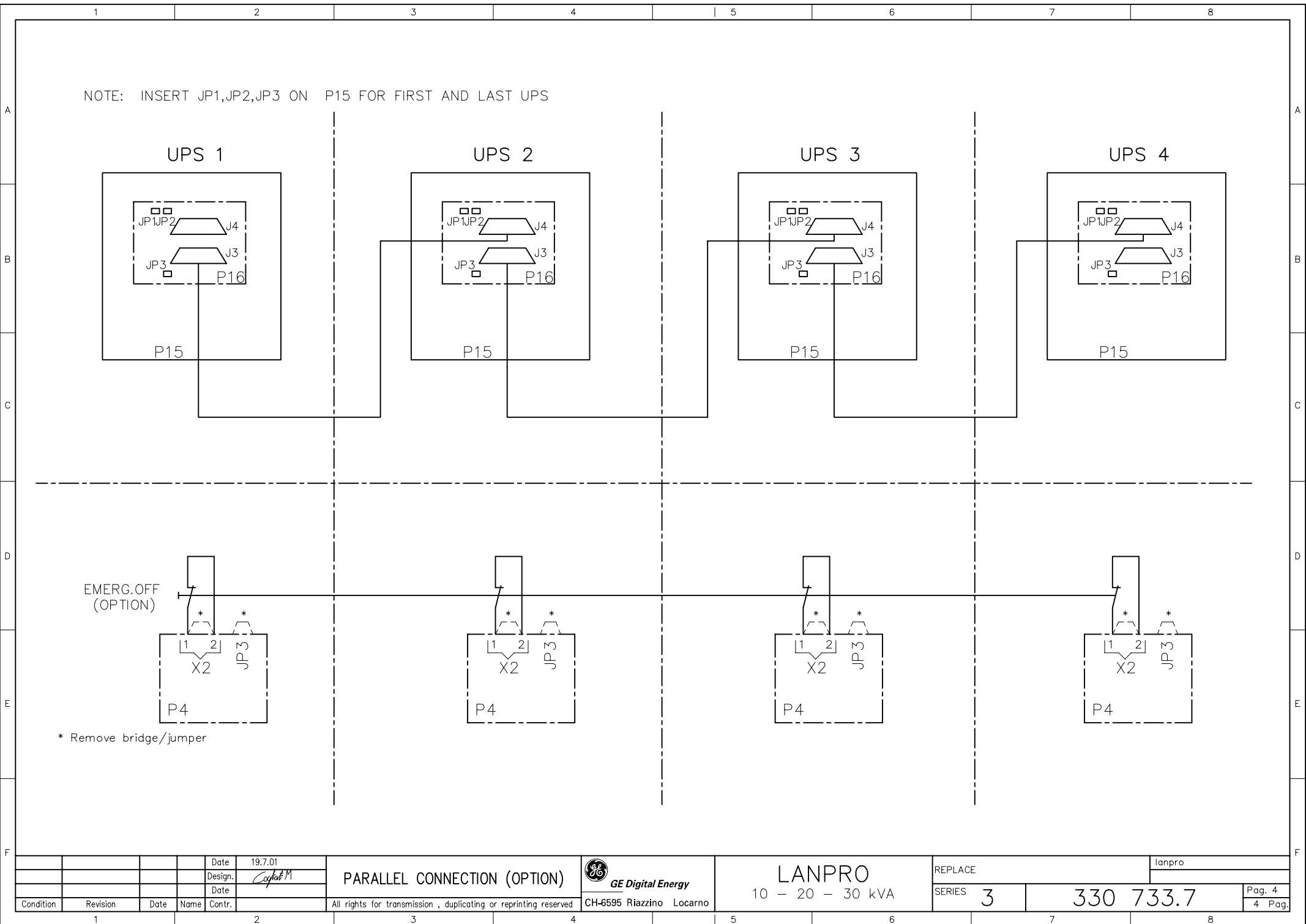
Functional drawing
2 input UPS (option)

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LANPRO
10 - 20 - 30 kVA

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				Date	19.7.01
				Design.	<i>Coplat M</i>
				Date	
Condition	Revision	Date	Name	Contr.	

PARALLEL CONNECTION (OPTION)

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LANPRO

10 - 20 - 30 kVA

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lanpro

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