



TEST REPORT FOR UPS 90-NET

CUSTOMER	ELETTRODINAMICA SPA ITALY
EQUIPMENT TYPE	90-NET / 500 KVA 12P //
MANUFACTURER CODE	CH90502AG080AA0
MANUFACTURER ORDER	W076924
SERIAL NUMBER	B281370
ORDER ACKNOWLEDGEMENT	0112179

SYSTEM PARAMETERS

UPS SIZE: 500 kVA

PRIMARY INPUT: (3 PHASES)

NOMINAL VOLTAGE: 208V ☐ 220 V ☐ 380 V ☐ 400 V ☒ 415 V ☐ 480 V ☐ V ☐  
FREQUENCY: 50Hz ☒ 60Hz ☐

RESERVE INPUT: (3 PHASES + N)

NOMINAL VOLTAGE: 208V ☐ 220 V ☐ 380 V ☐ 400 V ☒ 415 V ☐ 480 V ☐ V ☐  
FREQUENCY: 50Hz ☒ 60Hz ☐

BATTERY

BATTERY TYPE: SEALED LEAD ACID ☒ WET CELLS ☐ NICKEL CADMIUM ☐  
NUMBER OF CELLS: 144 ☐ 198 ☐ 240 ☒  
TEMPERATURE COMPENSATION: 0.13%/°C ☒ /°C ☐  
RECHARGE BATTERY CURRENT: 50 A ☒

OUTPUT: (3 PHASES + N)

NOMINAL VOLTAGE: 208V ☐ 220 V ☐ 380 V ☐ 400 V ☒ 415 V ☐ 480 V ☐ V ☐  
FREQUENCY: 50Hz ☒ 60Hz ☐

OPTIONS INSTALLED:

BATTERY LEAKAGE ALARM WITH ISOLATION	<input type="checkbox"/>	PARALLEL KIT (1 EACH UPS) up to 4 ups	<input checked="" type="checkbox"/>
BATTERY LEAKAGE ALARM WITHOUT ISOLATION	<input type="checkbox"/>	PARALLEL KIT (1 EACH UPS) from 5 to 8 ups	<input type="checkbox"/>
CUSTOMER INTERFACE BOARD	<input type="checkbox"/>	LIFE 2000 PARALLEL KIT	<input type="checkbox"/>
DUST FILTER	<input type="checkbox"/>	TELEPHONE SWITCH FOR KIT LIFE 2000	<input type="checkbox"/>
TOP CABLE ENTRY	<input type="checkbox"/>	SPECIAL TESTING IN FACTORY	<input type="checkbox"/>
MULTI BUS SYNCHRONISATION MODULE (MBSM)	<input type="checkbox"/>		<input type="checkbox"/>
FOR UPS SYNC.	<input type="checkbox"/>		<input type="checkbox"/>
PORTABLE DISPLAY (CABLE NOT INCLUDED)	<input type="checkbox"/>		<input type="checkbox"/>
RAU CABLE	<input type="checkbox"/>		<input type="checkbox"/>

# CHLORIDE POWER PROTECTION

## ACTIVATED I/O FUNCTIONS

INPUT			OUTPUT		
FUNCTION CODE	POLARITY/	TERMINAL/	FUNCTION CODE	POLARITY/	TERMINAL/
J	POS <input checked="" type="checkbox"/> NEG <input type="checkbox"/>	17-18		POS <input type="checkbox"/> NEG <input type="checkbox"/>	
X	POS <input checked="" type="checkbox"/> NEG <input type="checkbox"/>	9-10	3-4-5	POS <input checked="" type="checkbox"/> NEG <input type="checkbox"/>	3-4-5
	POS <input type="checkbox"/> NEG <input type="checkbox"/>			POS <input type="checkbox"/> NEG <input type="checkbox"/>	
	POS <input type="checkbox"/> NEG <input type="checkbox"/>			POS <input type="checkbox"/> NEG <input type="checkbox"/>	
	POS <input type="checkbox"/> NEG <input type="checkbox"/>			POS <input type="checkbox"/> NEG <input type="checkbox"/>	
	POS <input type="checkbox"/> NEG <input type="checkbox"/>			POS <input type="checkbox"/> NEG <input type="checkbox"/>	

## UPS REVISION:

1	<input checked="" type="checkbox"/>	2	<input type="checkbox"/>	3	<input type="checkbox"/>	4	<input type="checkbox"/>	5	<input type="checkbox"/>	6	<input type="checkbox"/>	7	<input type="checkbox"/>
8	<input type="checkbox"/>	9	<input type="checkbox"/>	10	<input type="checkbox"/>	11	<input type="checkbox"/>	12	<input type="checkbox"/>	13	<input type="checkbox"/>	14	<input type="checkbox"/>

## SIB LEVEL:

A	<input type="checkbox"/>	B	<input checked="" type="checkbox"/>	C	<input type="checkbox"/>	D	<input checked="" type="checkbox"/>	E	<input checked="" type="checkbox"/>	F	<input type="checkbox"/>	G	<input checked="" type="checkbox"/>
H	<input checked="" type="checkbox"/>	I	<input checked="" type="checkbox"/>	L	<input type="checkbox"/>	M	<input type="checkbox"/>	N	<input type="checkbox"/>	O	<input checked="" type="checkbox"/>	P	<input checked="" type="checkbox"/>
Q	<input type="checkbox"/>	R	<input type="checkbox"/>	S	<input checked="" type="checkbox"/>	T	<input checked="" type="checkbox"/>	U	<input type="checkbox"/>	V	<input type="checkbox"/>	W	<input type="checkbox"/>
X	<input type="checkbox"/>	J	<input checked="" type="checkbox"/>	Y	<input checked="" type="checkbox"/>	Z	<input checked="" type="checkbox"/>	AA	<input type="checkbox"/>	AB	<input checked="" type="checkbox"/>	AC	<input type="checkbox"/>
AD	<input type="checkbox"/>	AE	<input type="checkbox"/>	AF	<input type="checkbox"/>	AG	<input checked="" type="checkbox"/>	AH	<input checked="" type="checkbox"/>	AI	<input checked="" type="checkbox"/>	AL	<input checked="" type="checkbox"/>
AM	<input checked="" type="checkbox"/>	AN	<input type="checkbox"/>	AO	<input checked="" type="checkbox"/>	AP	<input checked="" type="checkbox"/>	AQ	<input checked="" type="checkbox"/>	AR	<input type="checkbox"/>	AS	<input type="checkbox"/>
AT	<input checked="" type="checkbox"/>	AU	<input checked="" type="checkbox"/>	AV	<input checked="" type="checkbox"/>	AW	<input type="checkbox"/>	AX	<input checked="" type="checkbox"/>	AJ	<input type="checkbox"/>	AY	<input checked="" type="checkbox"/>
AZ	<input type="checkbox"/>	BA	<input checked="" type="checkbox"/>	BB	<input checked="" type="checkbox"/>	BC	<input checked="" type="checkbox"/>	BD	<input type="checkbox"/>	BE	<input checked="" type="checkbox"/>	BF	<input checked="" type="checkbox"/>
BG	<input checked="" type="checkbox"/>	BH	<input type="checkbox"/>	BI	<input checked="" type="checkbox"/>	BL	<input checked="" type="checkbox"/>	BM	<input checked="" type="checkbox"/>	BN	<input checked="" type="checkbox"/>	BO	<input checked="" type="checkbox"/>
BP	<input checked="" type="checkbox"/>	BQ	<input type="checkbox"/>	BR	<input checked="" type="checkbox"/>	BS	<input type="checkbox"/>	BT	<input checked="" type="checkbox"/>	BU	<input checked="" type="checkbox"/>	BV	<input checked="" type="checkbox"/>
BW	<input checked="" type="checkbox"/>	BX	<input checked="" type="checkbox"/>	BJ	<input checked="" type="checkbox"/>	BY	<input checked="" type="checkbox"/>	BZ	<input type="checkbox"/>	CA	<input checked="" type="checkbox"/>	CB	<input type="checkbox"/>
CC	<input type="checkbox"/>	CD	<input type="checkbox"/>	CE	<input type="checkbox"/>	CF	<input type="checkbox"/>	CG	<input type="checkbox"/>	CH	<input type="checkbox"/>	CI	<input type="checkbox"/>
CL	<input type="checkbox"/>	CM	<input type="checkbox"/>	CN	<input type="checkbox"/>	CO	<input type="checkbox"/>	CP	<input type="checkbox"/>	CQ	<input type="checkbox"/>	CR	<input type="checkbox"/>
CS	<input type="checkbox"/>	CT	<input type="checkbox"/>	CU	<input type="checkbox"/>	CV	<input type="checkbox"/>	CW	<input type="checkbox"/>	CX	<input type="checkbox"/>	CJ	<input type="checkbox"/>
CY	<input type="checkbox"/>	CZ	<input type="checkbox"/>										

CRA: 04051

SOFTWARE CODE (DISPLAY CONTROL) 10H01053  
 SOFTWARE CODE (CU4) 10H01373 - 10H01331(LCD)  
 TESTED BY DALMONTE A.-FARINA M.

REV. 4.02  
 REV. 2.2 - 2.02  
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