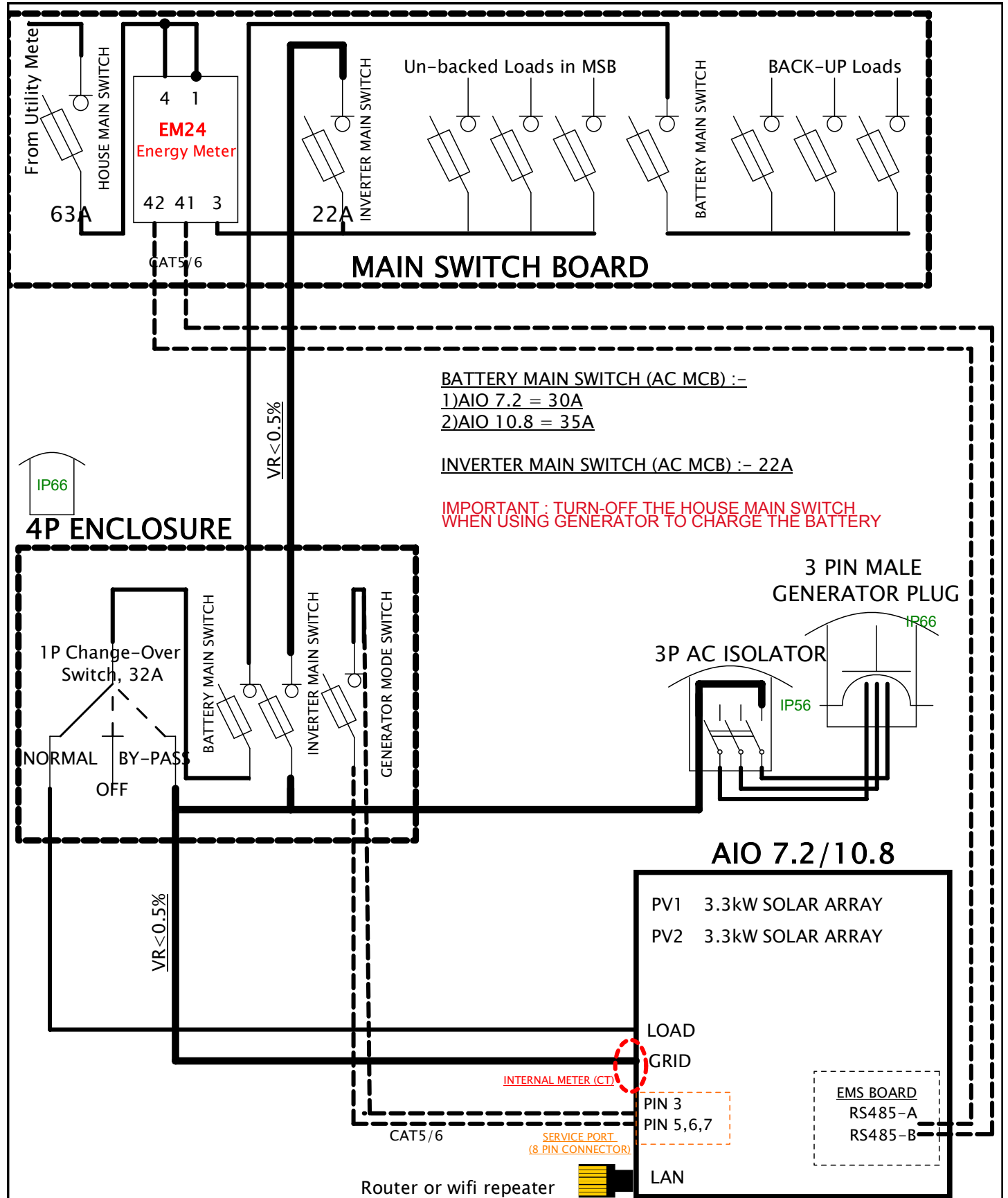


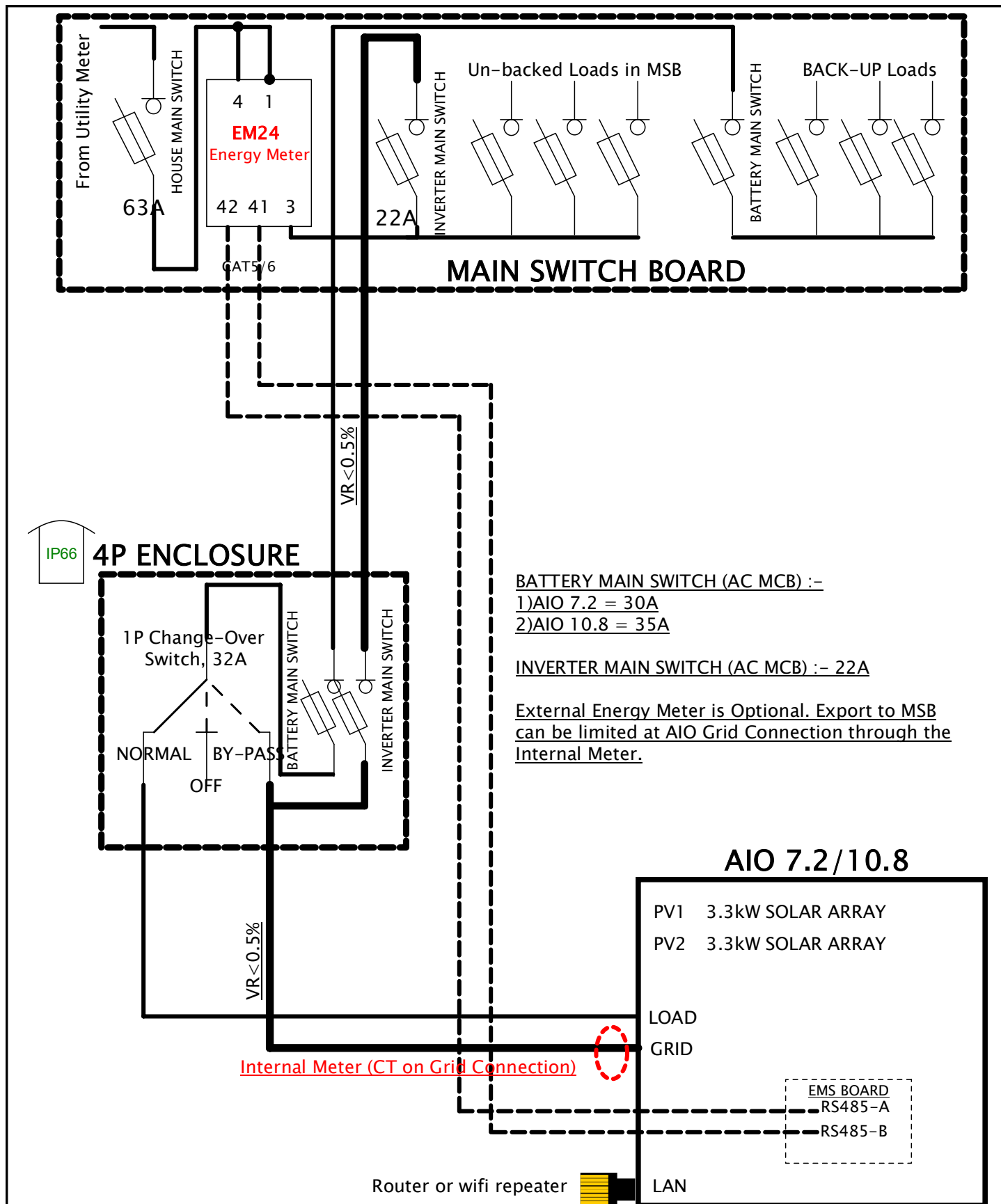
HYBRID SYSTEM



External Energy Meter is Optional. Alternate is Internal Meter (CT on AIO Grid Connection).

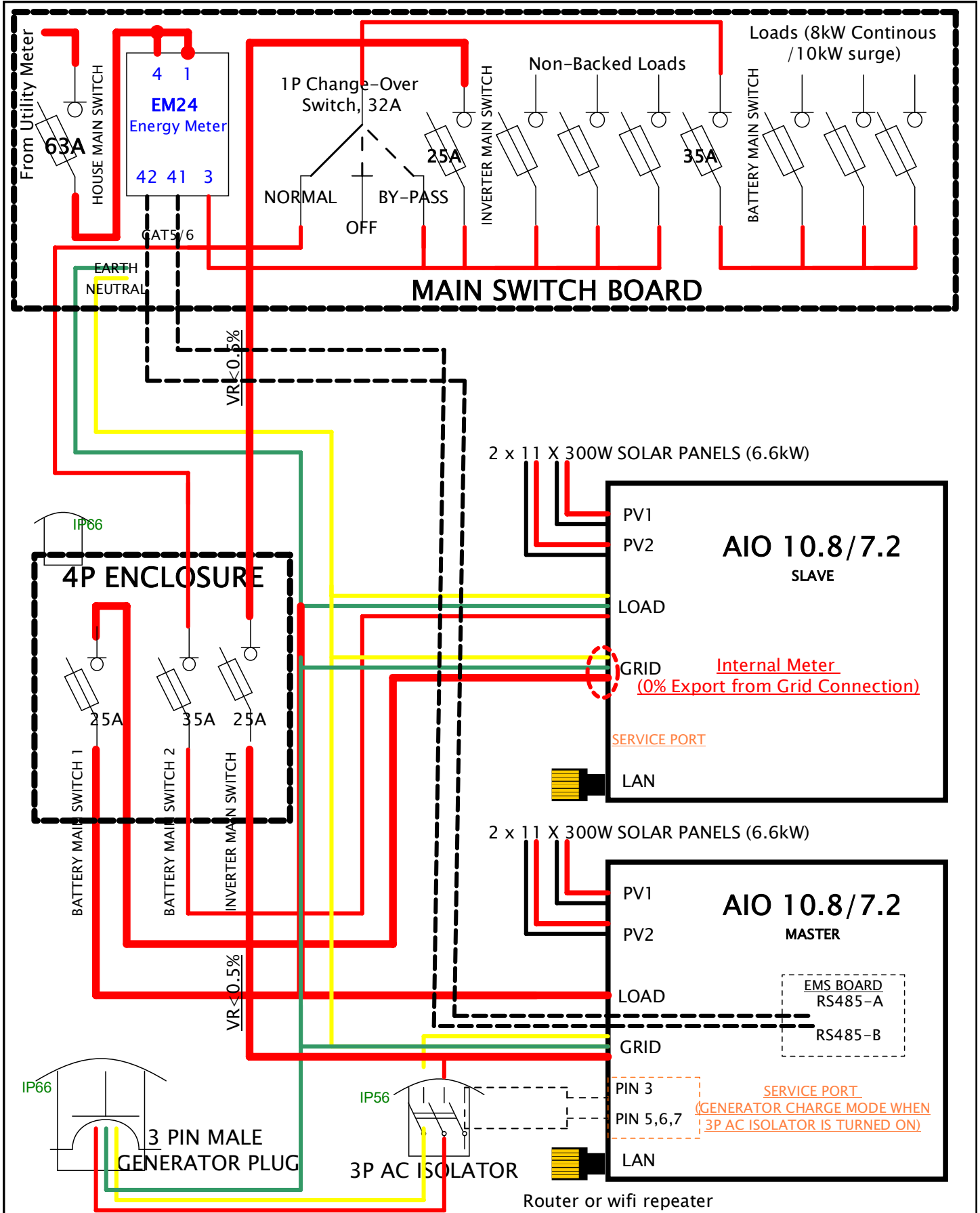
Responsible dep.	Technical reference	Created	Approved
	INSTALLER RERERENCE		RANJEET MALEWAR
	Document type	Document status	Rev. 4
	Title, supplementary title	Date of issue	Scale
	SLD AIO HYBRID : GC+GENERATOR	30-07-2018	Lang. Sheet 1/1

GRID CONNECT SYSTEM

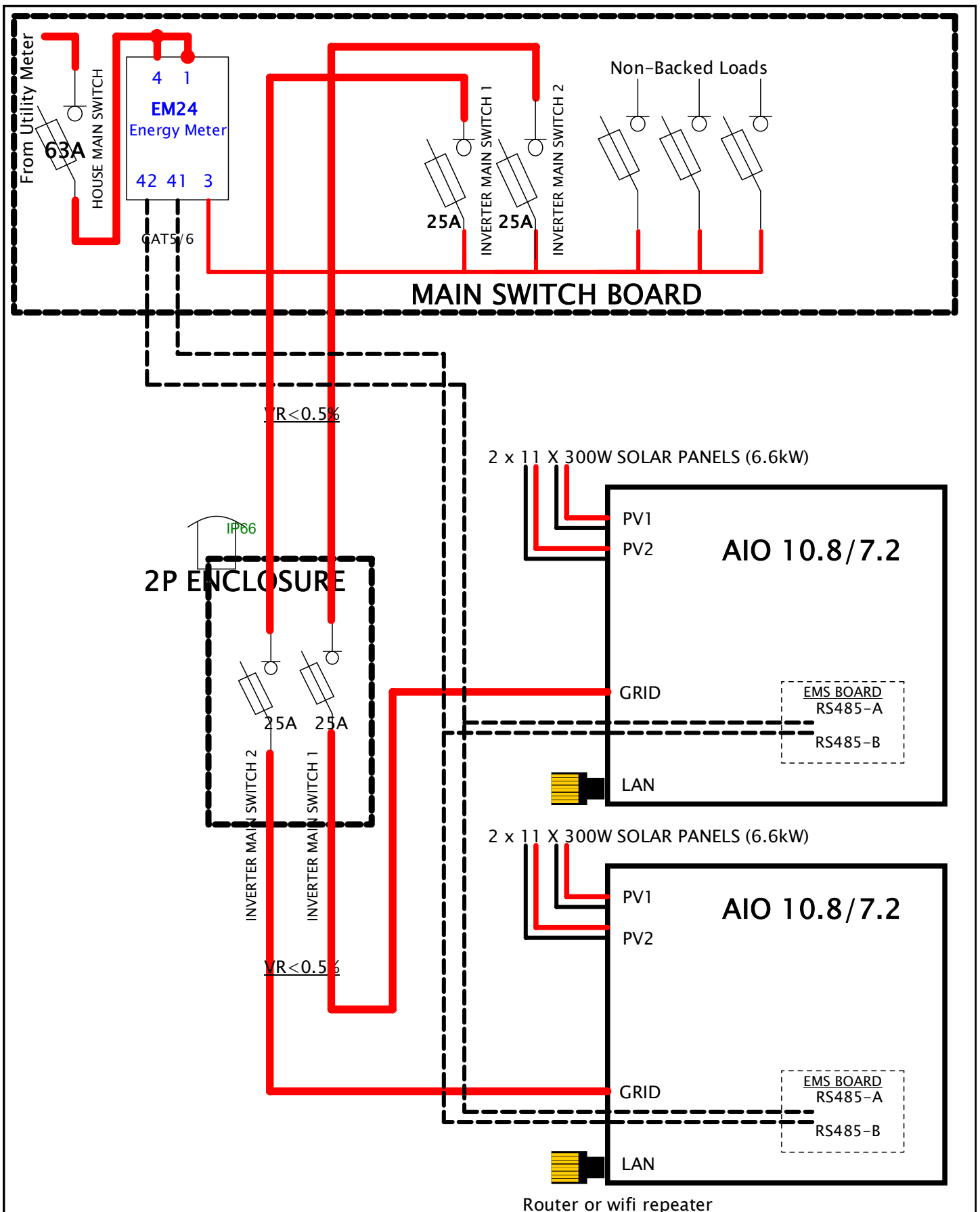


Responsible dep.	Technical reference	Created	Approved	
	INSTALLER REFERENCE		RANJEET MALEWAR	
 ZECO ENERGY Zero Cost Zero Carbon		Document type	Document status	Rev. 3
		Title, supplementary title	Scale	
		SLD AIO GRID CONNECT	Date of issue 28-07-2018	Lang. Sheet 1/1

SLD GRID CONNECT SYSTEM : 2 X BATTERY STORAGE CAPACITY

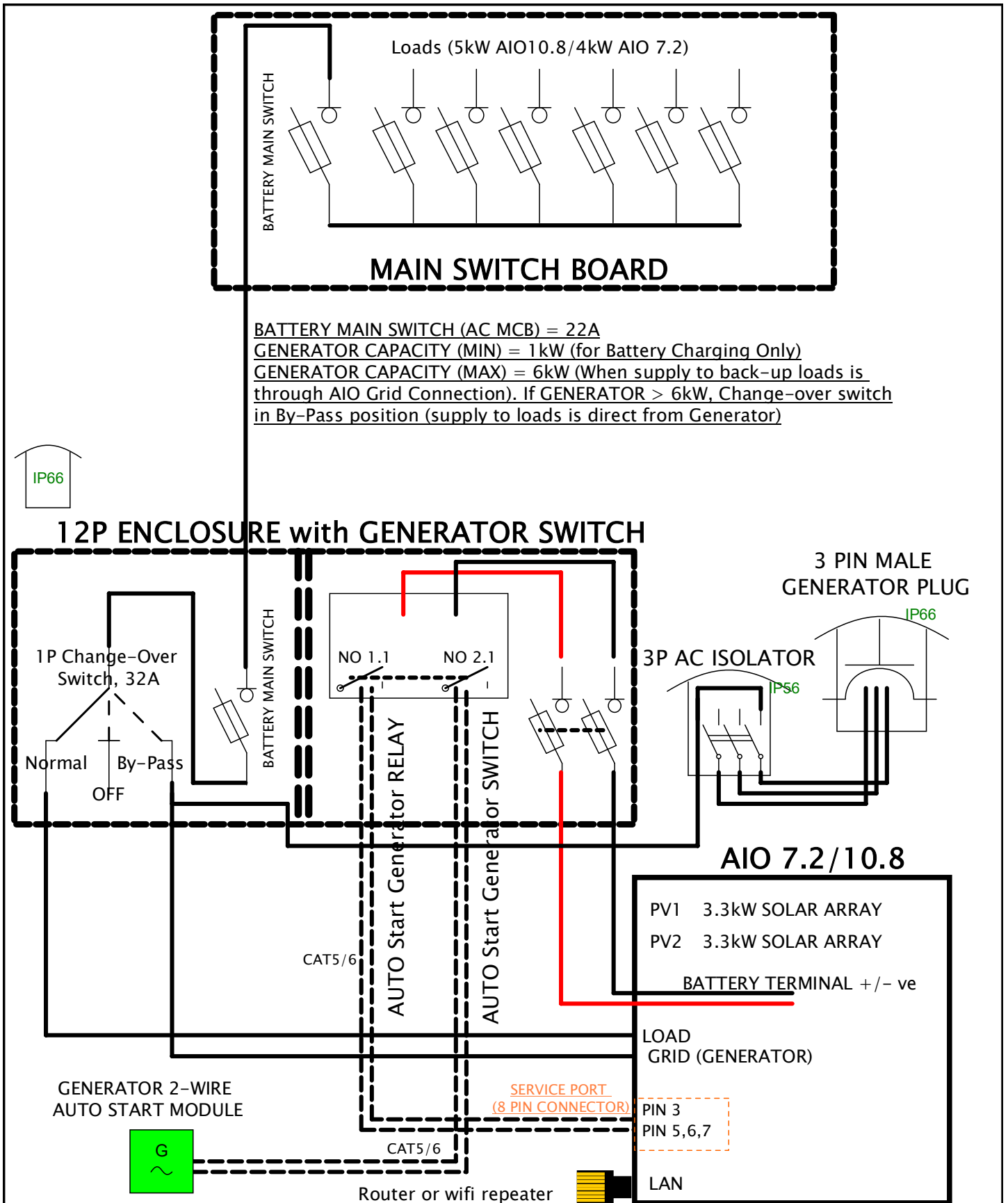


Responsible dep.	Technical reference	Created RANJEET MALEWAR	Approved	
ZECO ENERGY Zero Cost Zero Carbon		Document type INSTALLER REFERENCE	Document status	Rev. 3
		Title, supplementary title SLD GC : 2 X AIO	Date of issue 11-08-2018	Scale
			Lang.	Sheet 1/1



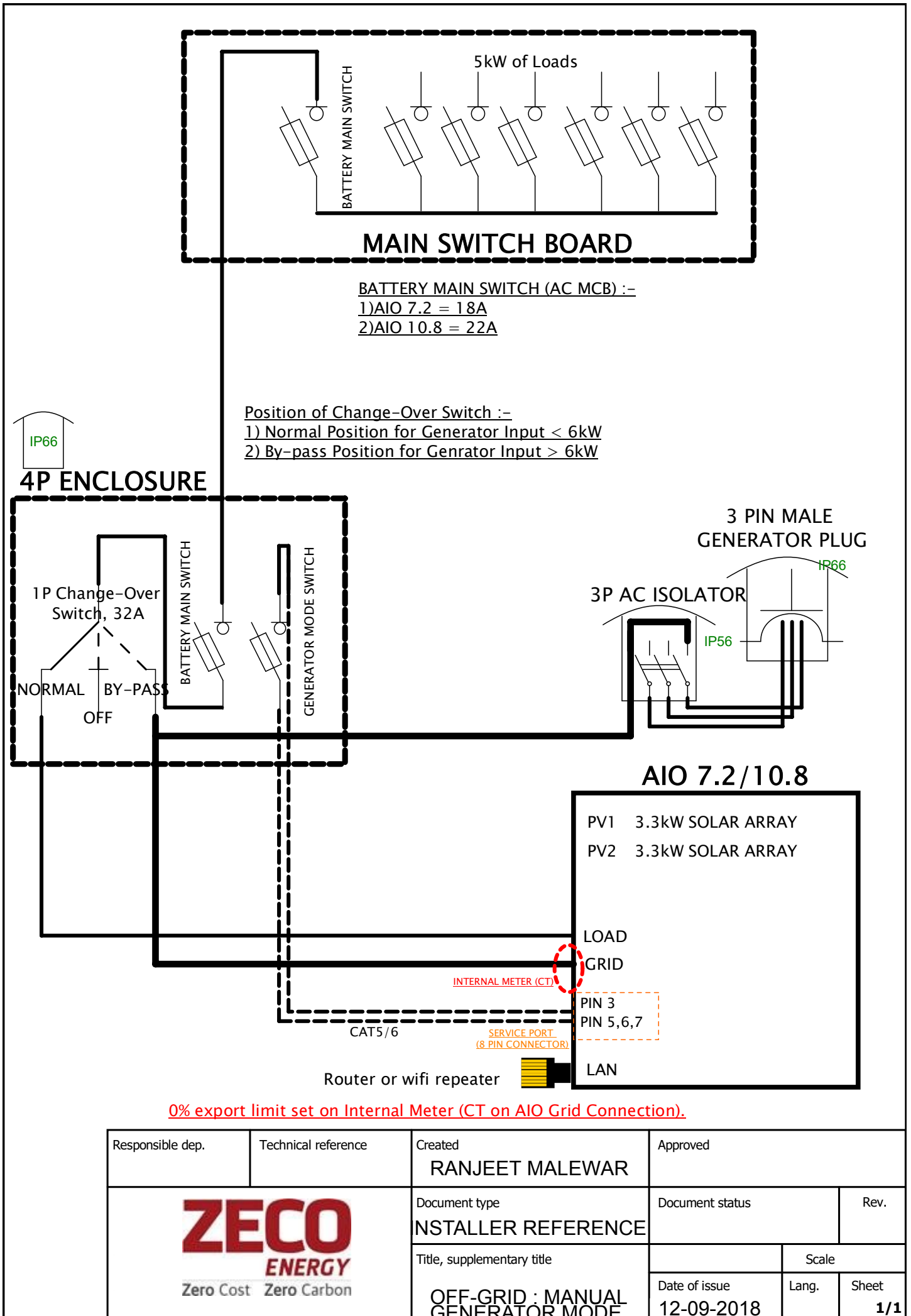
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		Document type INSTALLER REFERENCE	Document status		Rev. 3
		Title, supplementary title 2 x AIO parallel configuration	Scale		
			Date of issue 08-09-2018	Lang.	Sheet 1/1

OFF-GRID SYSTEM



Responsible dep.	Technical reference	Created	Approved	
	INSTALLER REFERENCE		RANJEET MALEWAR	
	Document type		Document status	Rev. 3
	Title, supplementary title		Scale	
	SLD AIO OFF-GRID		Date of issue 28-07-2018	Lang. Sheet 1/1

OFF-GRID SYSTEM WITH MANUAL GENERATOR START-UP



MPPT#1 : Isc 20A, Voc 550V, 3.3kW Solar PV

MPPT#2 : Isc 20A, Voc 550V, 3.3kW Solar PV

IP66 enclosure#1

IP66 enclosure#2

2 x DC ISOLATORS on ROOF,
(ZJ BENY 2 POLE IN SERIES)

NOTE :

1) MAXIMUM of 22 X 300W or 25 x 275W Panels

2) AIO INVERTER is TRANSFORMERLESS

IP66 enclosure#3

IP66 enclosure#4

2 x DC ISOLATORS next to AIO Unit,
(ZJ BENY 2 POLE IN SERIES)

AIO 10.8 / 7.2

IP54

PV1

PV2

EMS BOARD

BACKUP LOAD CONNECTION
GRID CONNECTION

EMS BOARD

RS485-A

RS485-B

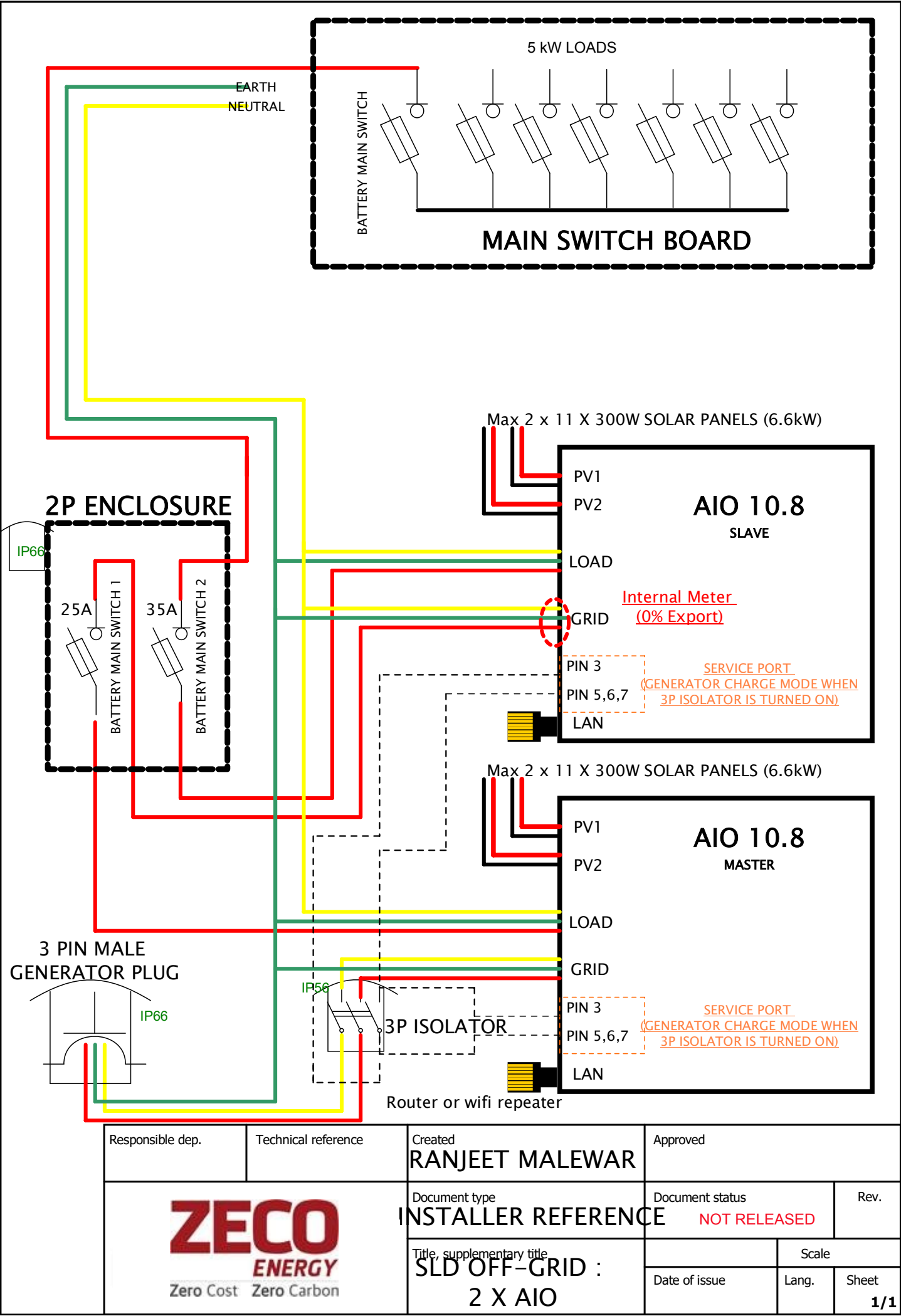
SERVICE PORT
(8 PIN CONNECTOR)

PIN 3
PIN 5,6,7

ETHERNET, RJ45 connector

LAN

Responsible dep.	Technical reference	Created RANJEET MALEWAR	Approved ZECO ENERGY		
		Document type	Document status		Rev. 3
		Title, supplementary title SLD AIO PV INPUT		Scale	
			Date of issue 26-07-2018	Lang.	Sheet 1/1



Responsible dep.	Technical reference	Created RANJEET MALEWAR	Approved		
ZECO ENERGY Zero Cost Zero Carbon		Document type INSTALLER REFERENCE	Document status NOT RELEASED	Rev.	
		Title, supplementary title SLD OFF-GRID : 2 X AIO	Date of issue	Scale	Sheet
				Lang.	1/1