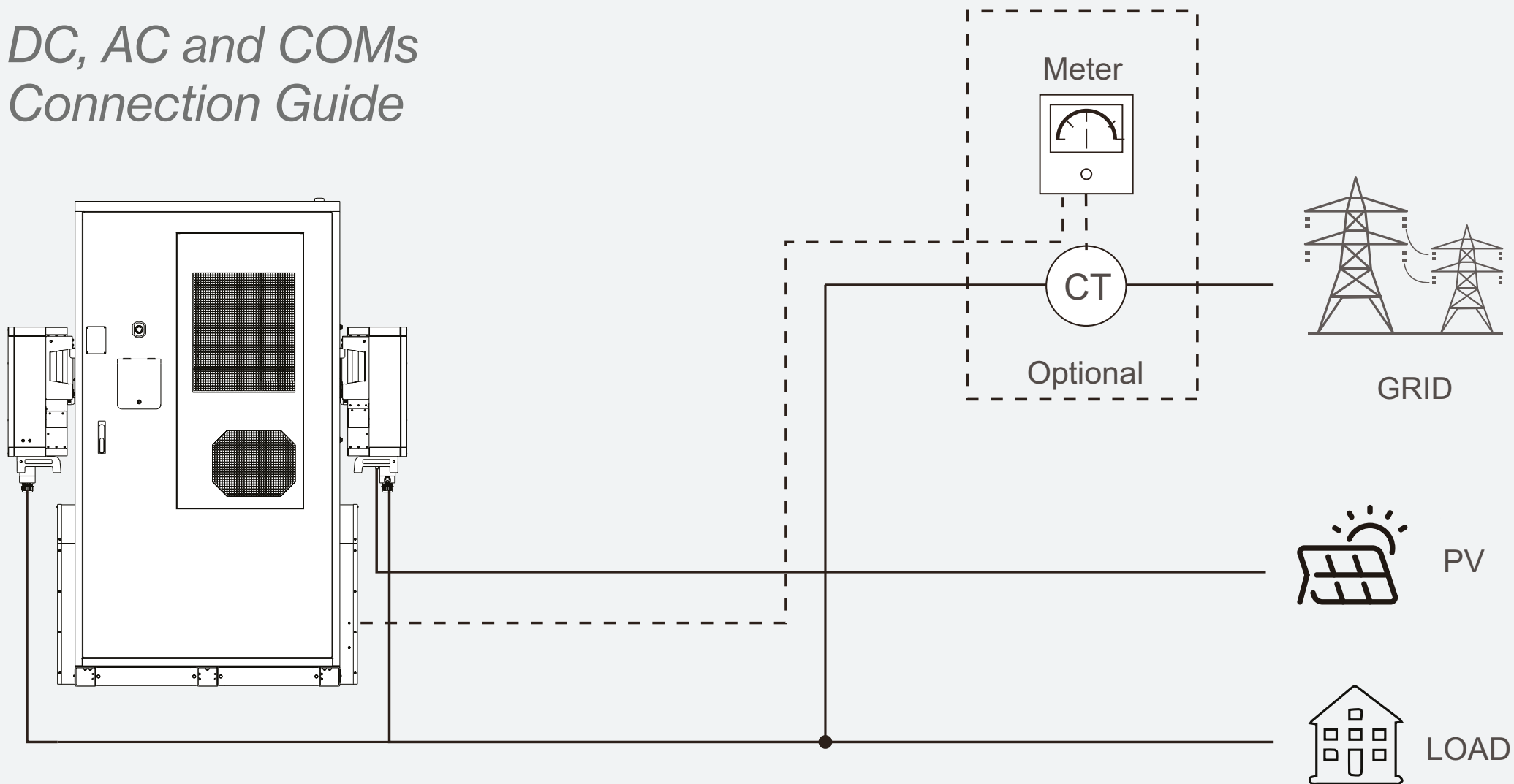


RI-ENERGYSET-3P-ESS-100-197 - Wiring Guide

DC, AC and COMs Connection Guide



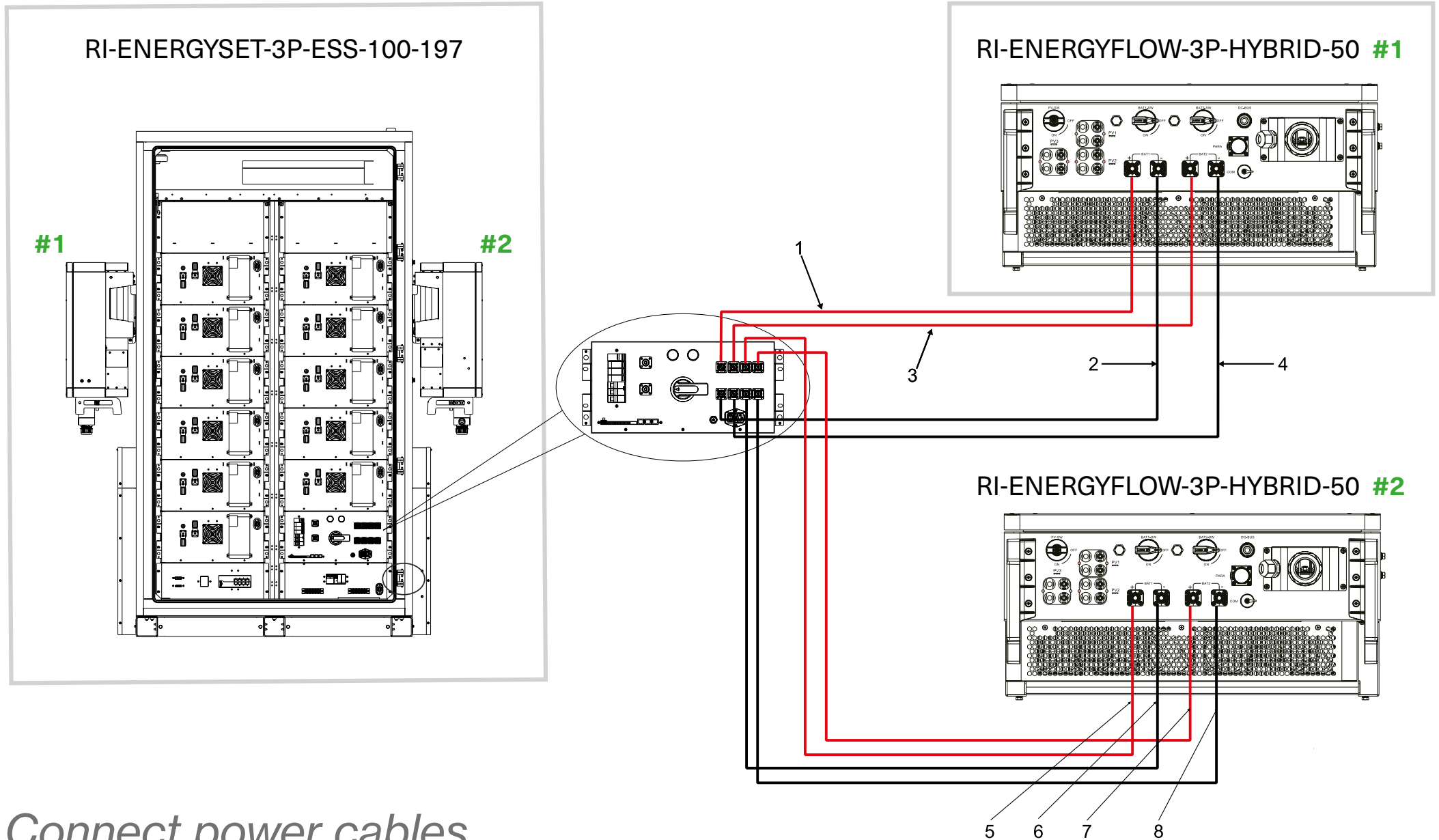
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#1

#2

RI-ENERGYFLOW-3P-HYBRID-50 #1

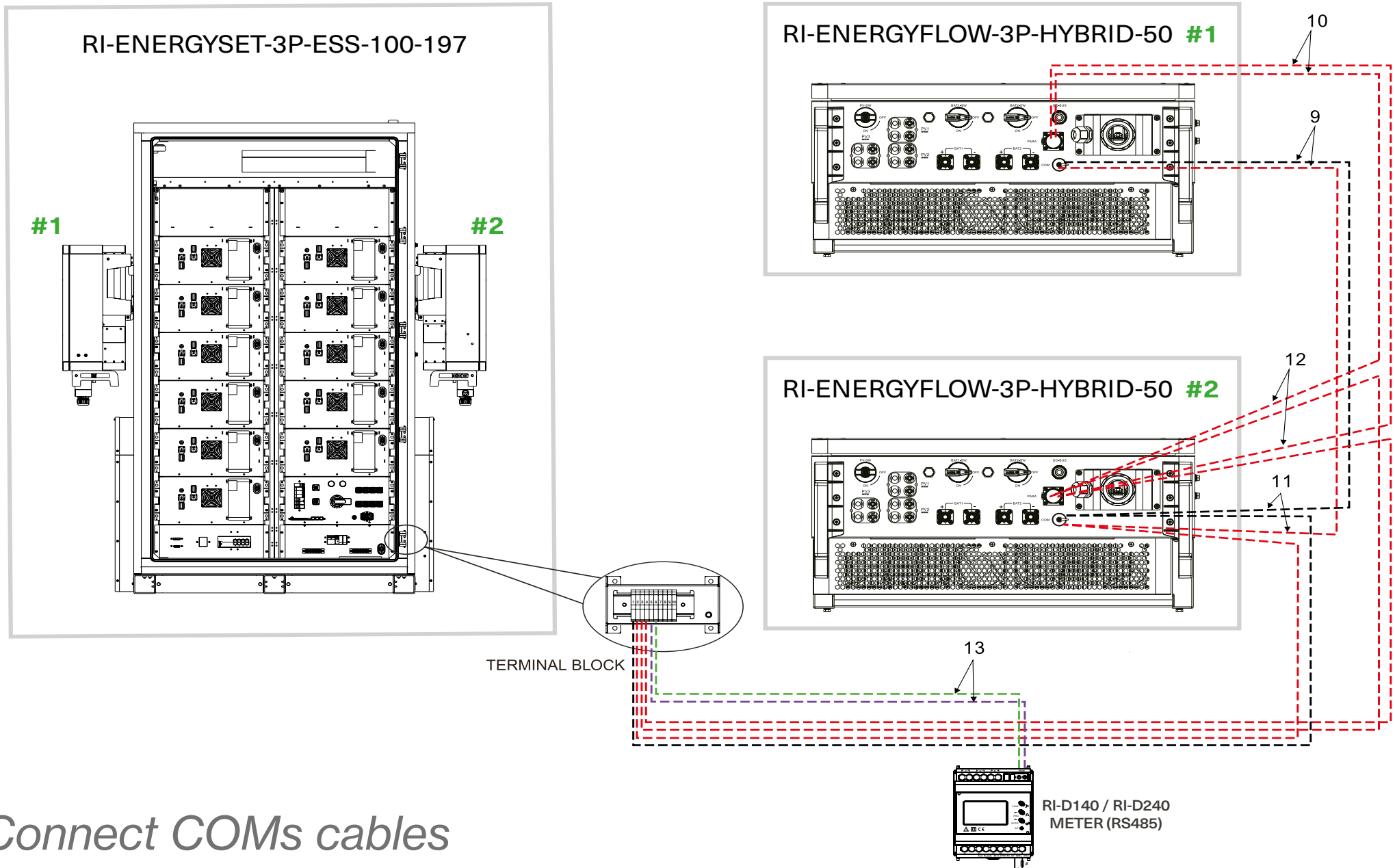
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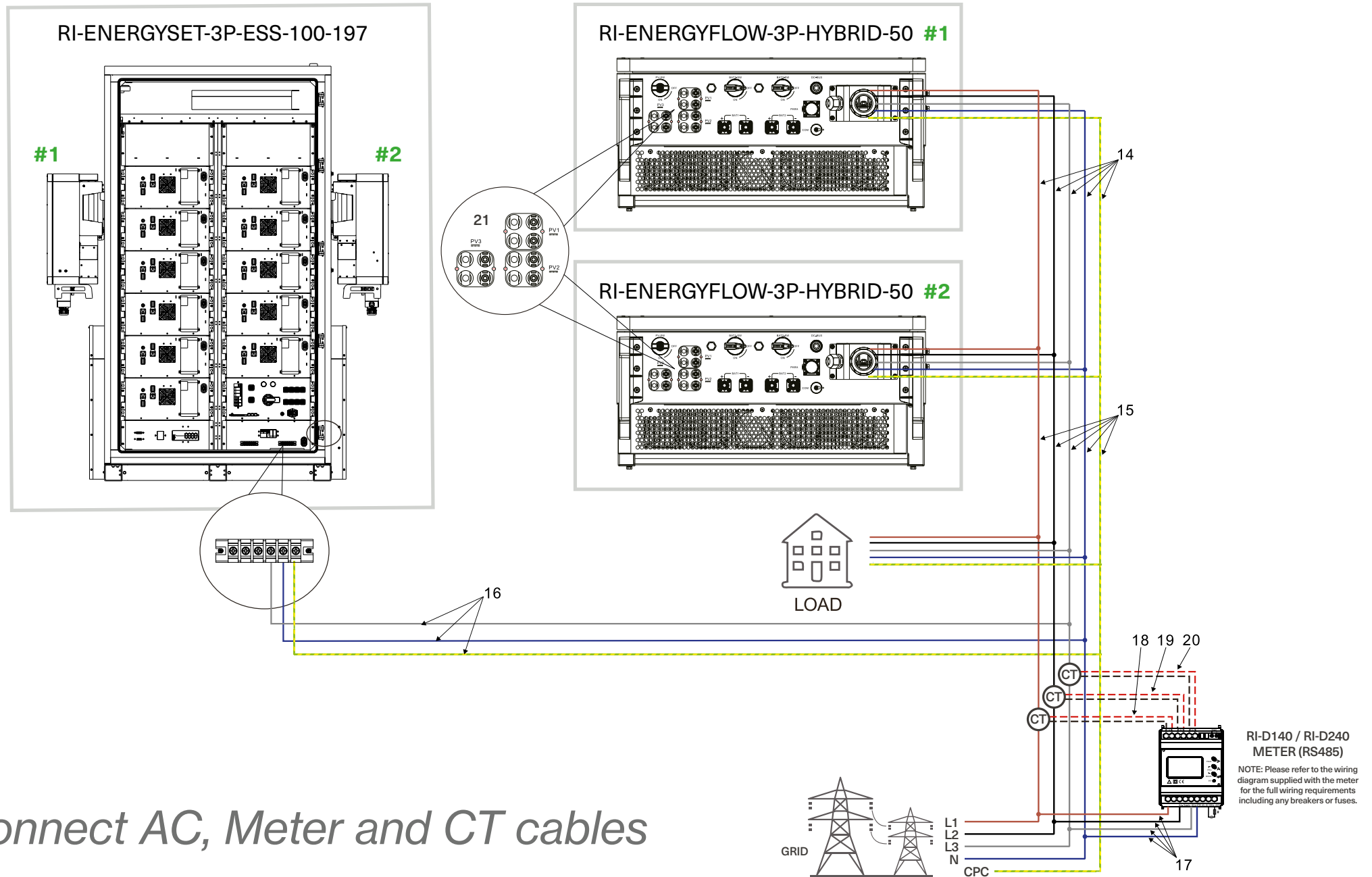
Connect power cables

Head Office

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Connect COMs cables



Connect AC, Meter and CT cables

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Connection	From			To		
1	#1 RI-ENERGYFLOW-3P-HYBRID-50	BAT1	+	RI-ENERGYSET-3P-ESS-100-197	BAT	+
2	#1 RI-ENERGYFLOW-3P-HYBRID-50	BAT1	–	RI-ENERGYSET-3P-ESS-100-197	BAT	–
3	#1 RI-ENERGYFLOW-3P-HYBRID-50	BAT2	+	RI-ENERGYSET-3P-ESS-100-197	BAT	+
4	#1 RI-ENERGYFLOW-3P-HYBRID-50	BAT2	–	RI-ENERGYSET-3P-ESS-100-197	BAT	–
5	#2 RI-ENERGYFLOW-3P-HYBRID-50	BAT1	+	RI-ENERGYSET-3P-ESS-100-197	BAT	+
6	#2 RI-ENERGYFLOW-3P-HYBRID-50	BAT1	–	RI-ENERGYSET-3P-ESS-100-197	BAT	–
7	#2 RI-ENERGYFLOW-3P-HYBRID-50	BAT2	+	RI-ENERGYSET-3P-ESS-100-197	BAT	+
8	#2 RI-ENERGYFLOW-3P-HYBRID-50	BAT2	–	RI-ENERGYSET-3P-ESS-100-197	BAT	–
9	#1 RI-ENERGYFLOW-3P-HYBRID-50	COM	CAN_L/CAN_H	RI-ENERGYSET-3P-ESS-100-197	TERMINAL BLOCK	Pin1/Pin2
10	#1 RI-ENERGYFLOW-3P-HYBRID-50	PARA	485A/485B	RI-ENERGYSET-3P-ESS-100-197	TERMINAL BLOCK	Pin3/Pin4
11	#1 RI-ENERGYFLOW-3P-HYBRID-50	COM	CAN_L/CAN_H	RI-ENERGYSET-3P-ESS-100-197	TERMINAL BLOCK	Pin1/Pin2
12	#2 RI-ENERGYFLOW-3P-HYBRID-50	PARA	485A/485B	RI-ENERGYSET-3P-ESS-100-197	TERMINAL BLOCK	Pin3/Pin4
13	Meter (RI-D140 / RI-D240)	A/B	485A/485B	RI-ENERGYSET-3P-ESS-100-197	TERMINAL BLOCK	Pin5/Pin6
14	#1 RI-ENERGYFLOW-3P-HYBRID-50	GRID	A/B/C/N/PE	GRID		A/B/C/N/PE
15	#1 RI-ENERGYFLOW-3P-HYBRID-50	GRID	A/B/C/N/PE	GRID		A/B/C/N/PE
16	RI-ENERGYSET-3P-ESS-100-197	INPUT	L/N/PE	GRID		L/N/PE
17	Meter (RI-D140 / RI-D240)	IN	A/B/C/N	GRID		A/B/C/N
18	Meter (RI-D140 / RI-D240)		L1+/L1–	CT(A)		S1/S2
19	Meter (RI-D140 / RI-D240)		L2+/L2–	CT(B)		S1/S2
20	Meter (RI-D140 / RI-D240)		L3+/L3–	CT(C)		S1/S2
21	SOLAR PV 1, 2, and 3	Connectors for up to 3 SOLAR PV strings per inverter. Note: Solar PV connections should be made in line with current code (not covered by this guide).				

Connection check list