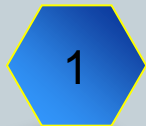




OPS-RB60 Series Product Introduction



Content



The Summary



Features of OPS-RB60 Series product



Structure



Wire connecting

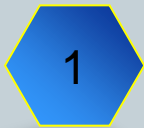
The summary

- OPS-RB60 Series Product
- 20 KVA~60 KVA
- Dimension : 600x1000x2000mm
- Both Power module and Battery unit are designed to be hot swappable
- Vienna-like rectifier and three-level inverter
- Major application : **server**





Content



The Summary



Features of OPS-RB60 Series product

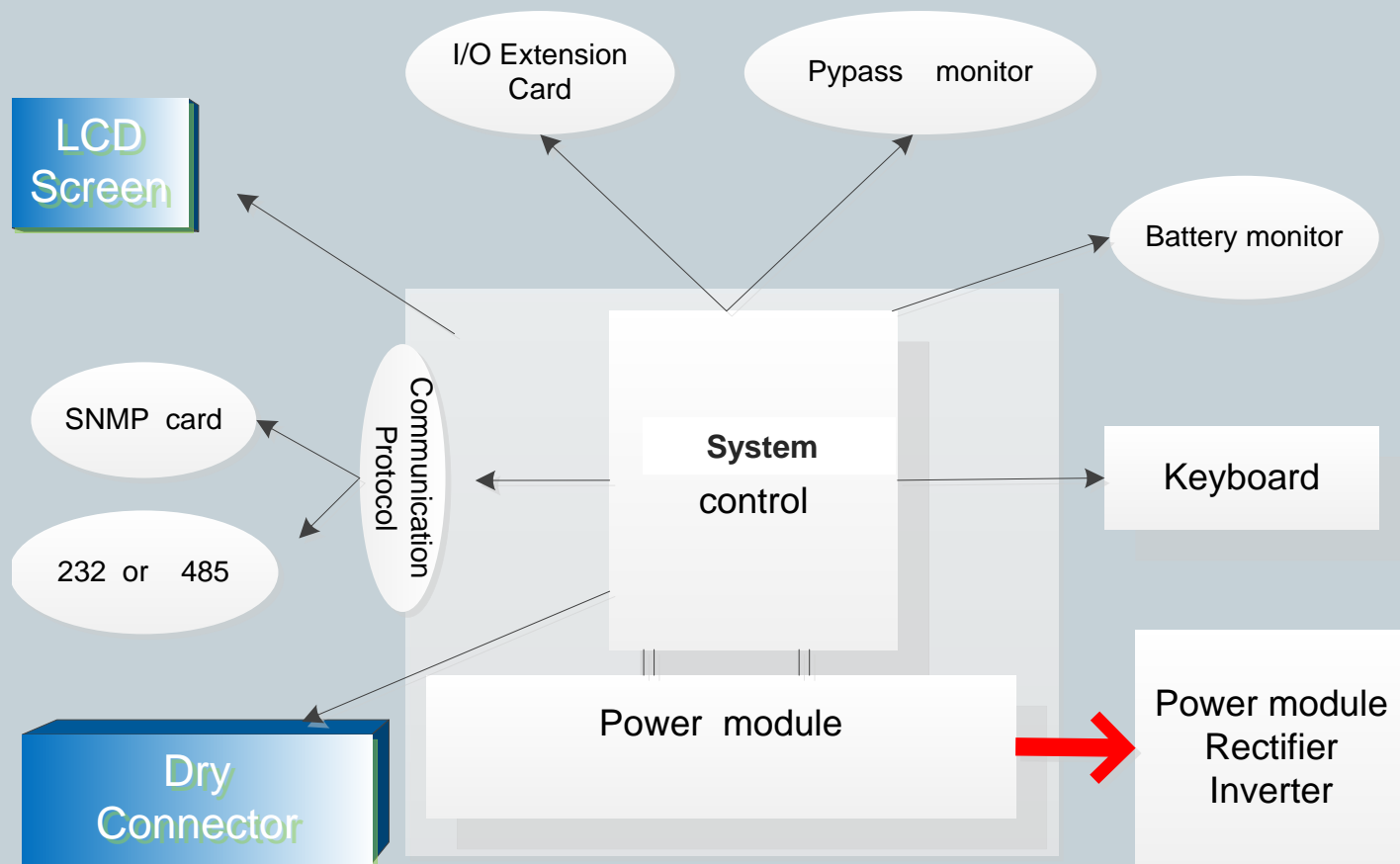


Structure



Wire connecting

OPS-RB60 series design



back-up time (minute)

approximately

power number	20kva	40kva	60kva
1 group	3.5	×	×
2 groups	9	3.5	×
3 groups	20	6	3.5
4 groups	25	9	5
a group: 40*12VDC, 9AH			
×:forbidden			

Basic specifications



Capacity	20~60kva
Input voltage	380v/400v/415v (line to line)
Input voltage window	-40% ~ +25%
Frequency window	40 ~ 70Hz

Basic specifications



Battery voltage	$\pm 240\text{VDC}$
Charger power	20%*Power
Power factor & Crest factor	95%@normal ; 98%@ECO mode 3:1
System	95%@normal ; 98%@ECO mode

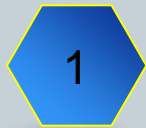
Basic specifications



Voltage THD	<2%(linear load) , <%5(non linear load)
Overload capacity (Bypass)	110% load, long time operation 125% < load < 130%, 1 hour 130% < load < 150%, 6 minutes >1000% ,last for more than 100ms
Overload capacity (inverter)	125% load, 1h 125% load, 10min >150% load, 200ms



Content



The Summary



Features of OPS-RB60 Series product



Structure



Wire connecting

OPS-RB60 series

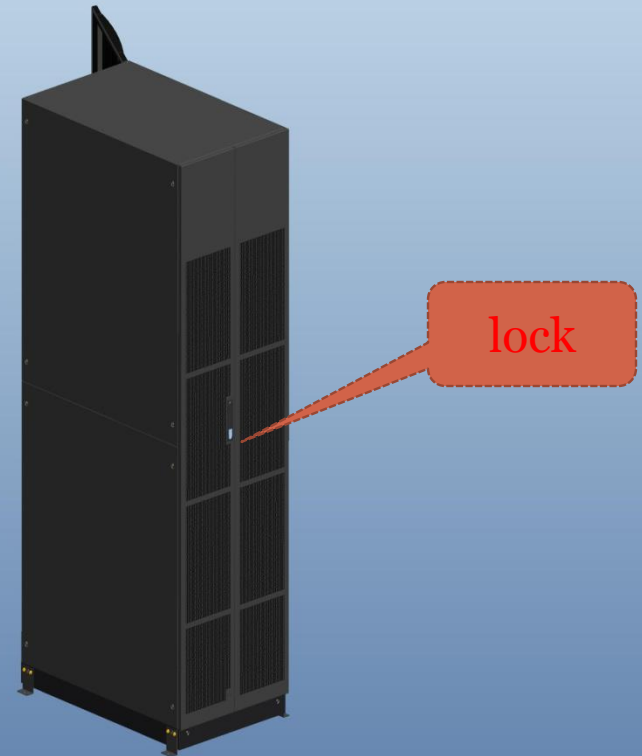
Modular Design



Top View



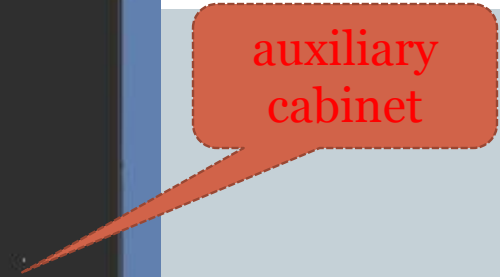
Back View



Main cabinet



auxiliary cabinet



VIEW



Dust-proof net

Internal battery breaker

PDU (option)

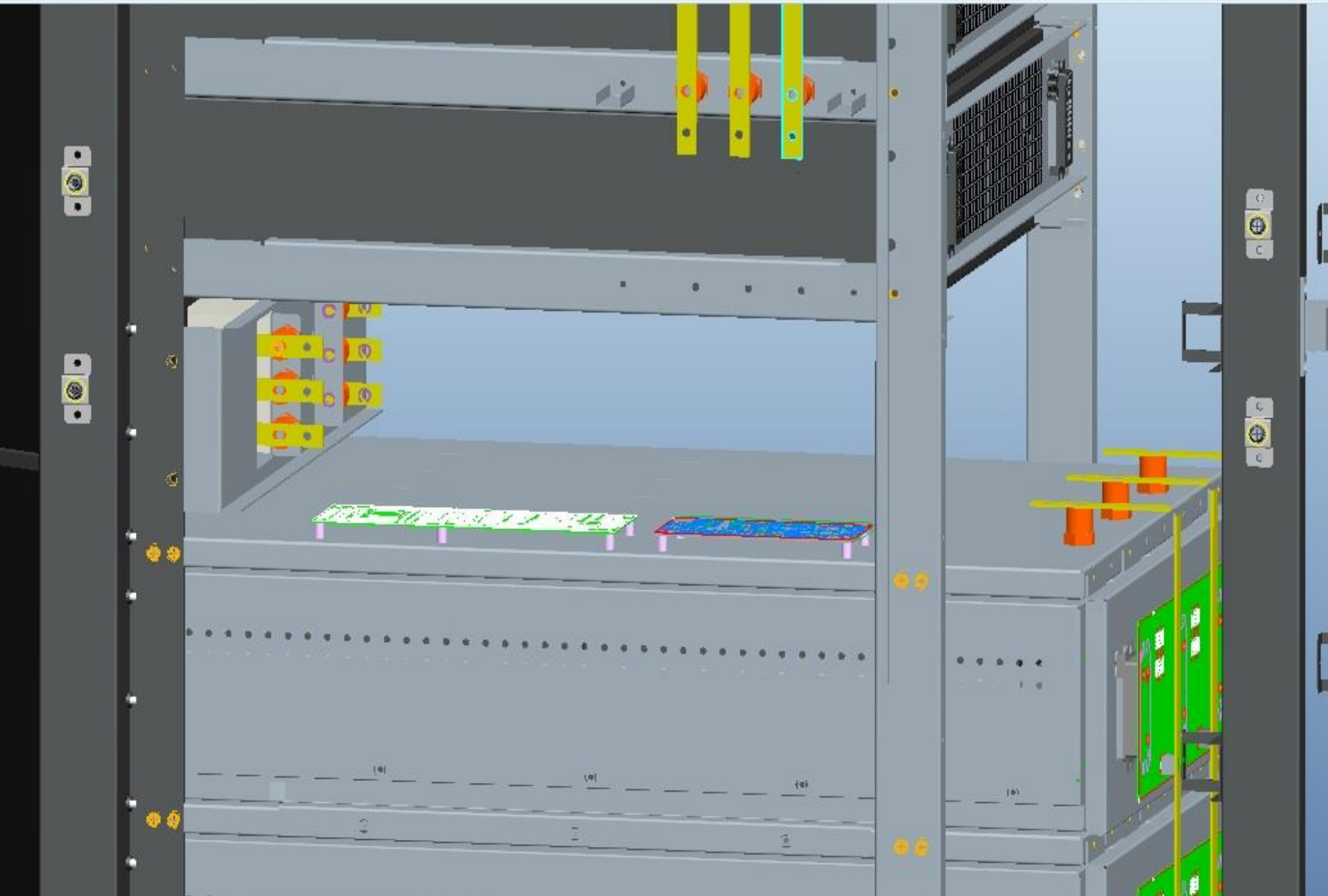
Power module

Battery unit

Inner structure



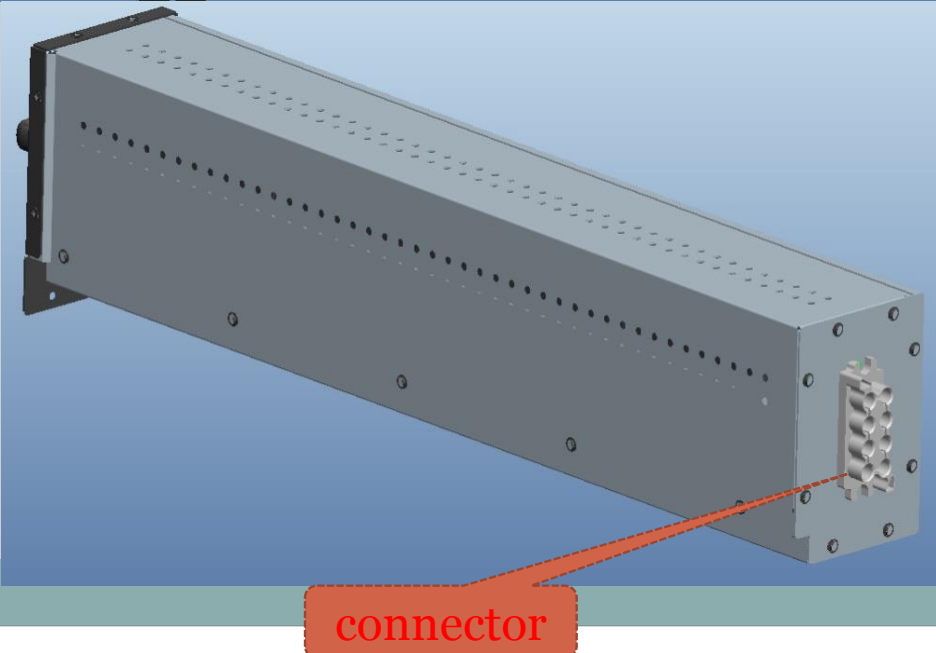
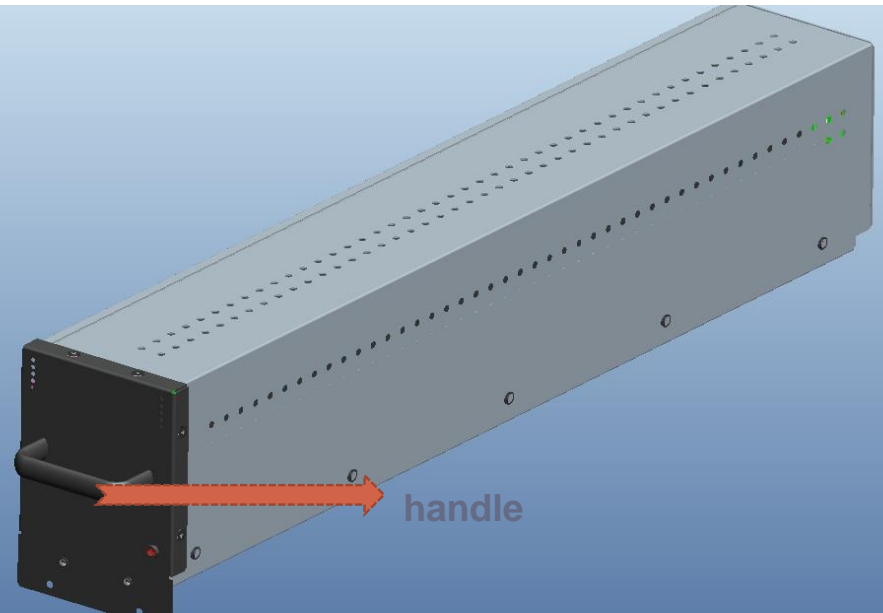
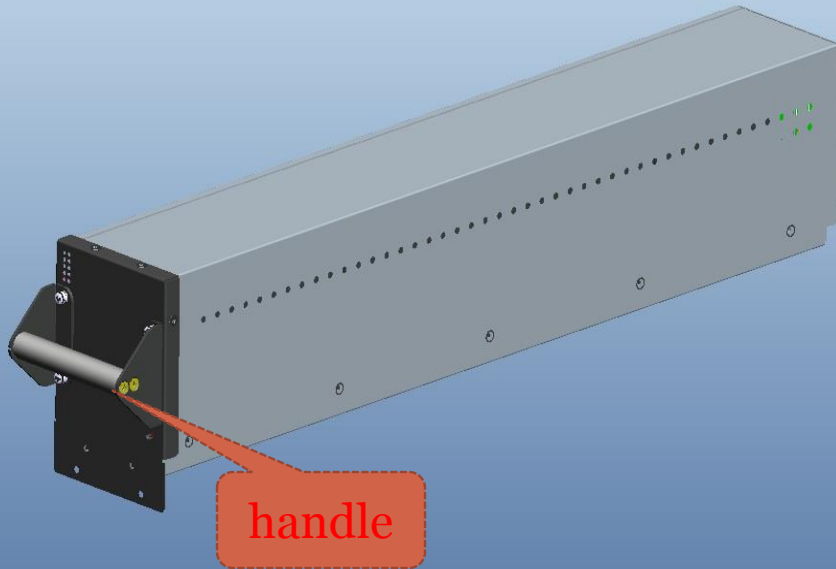
Inner structure



Inner structure



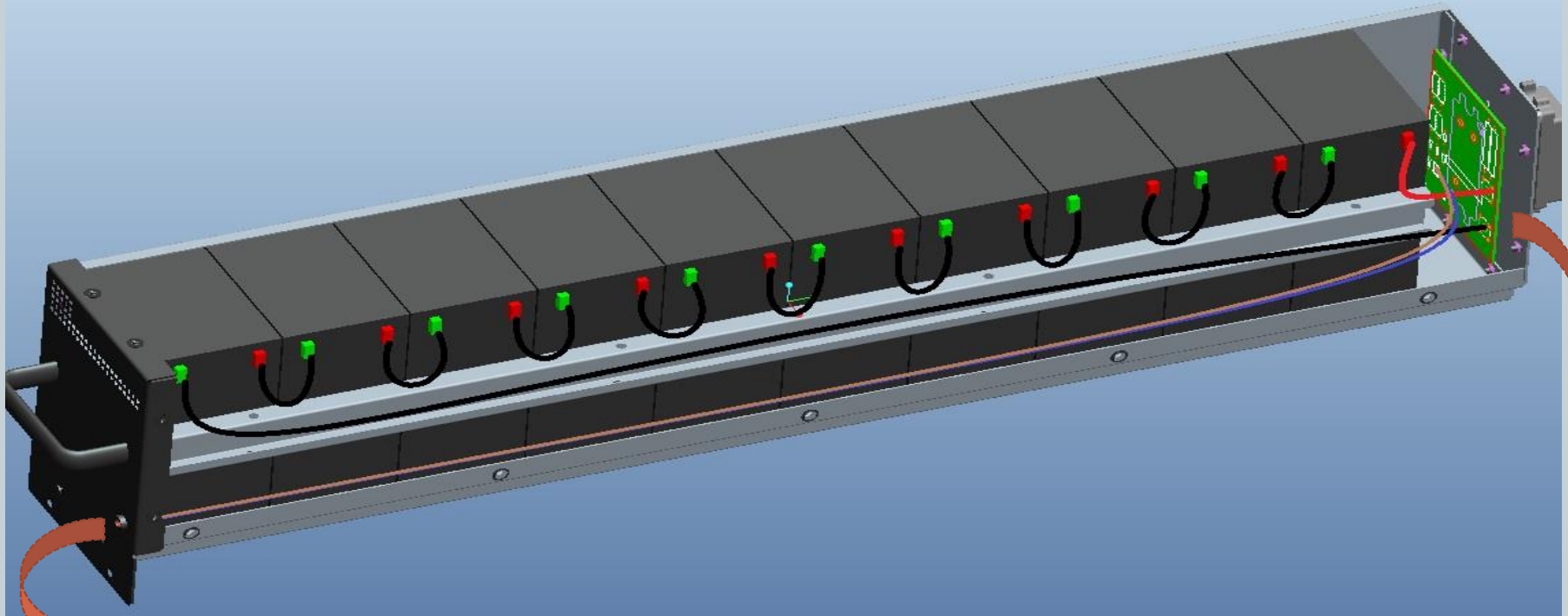
Battery unit



- Design customized and modularly

- Small size and convenient service

inner instruction of the battery unit



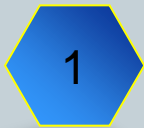
■ LED

■ FUSE detector

■ Battery: 12VDC*10, 9AH



Content



The Summary



Features of OPS-RB60 Series product

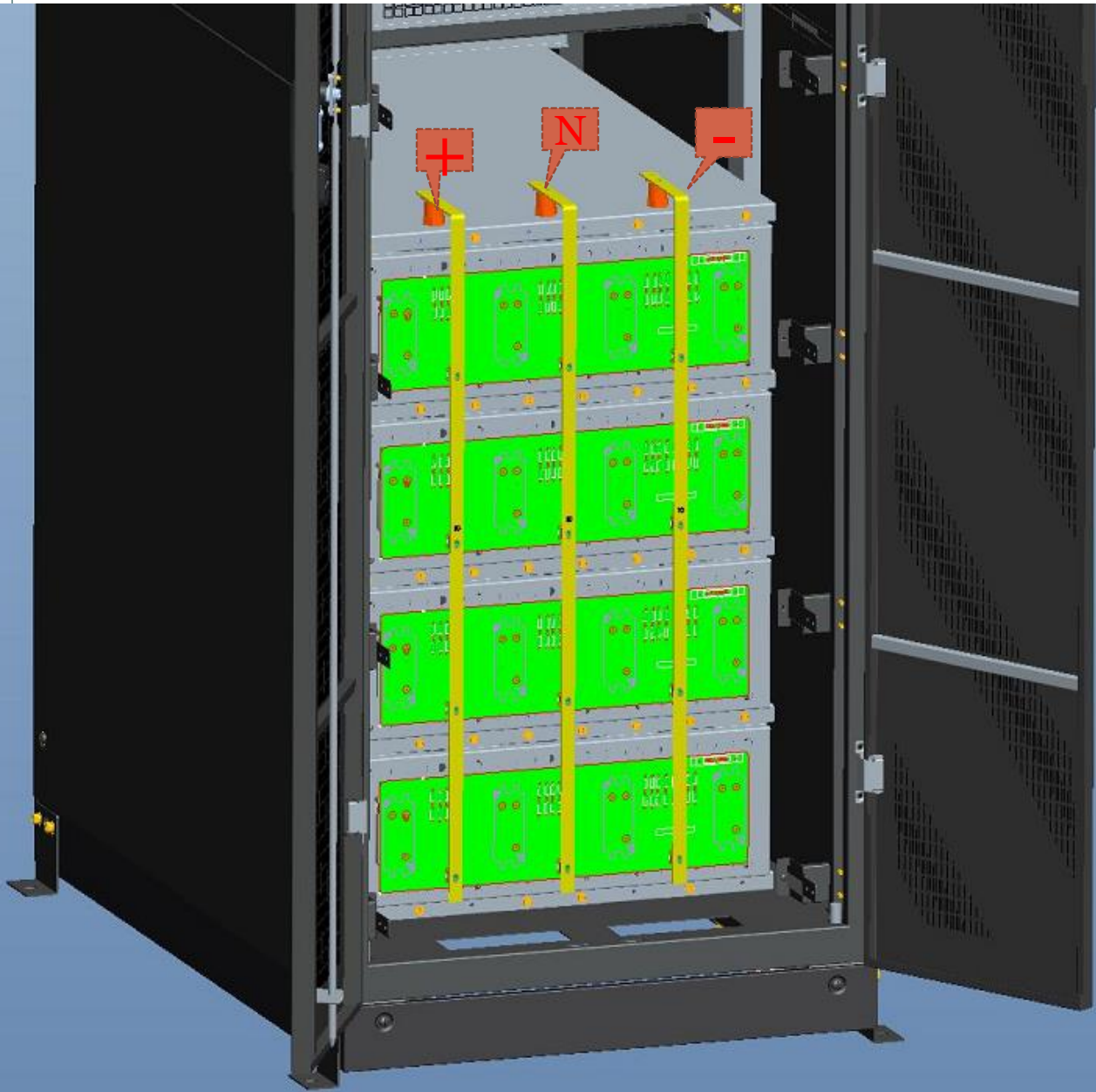


Structure

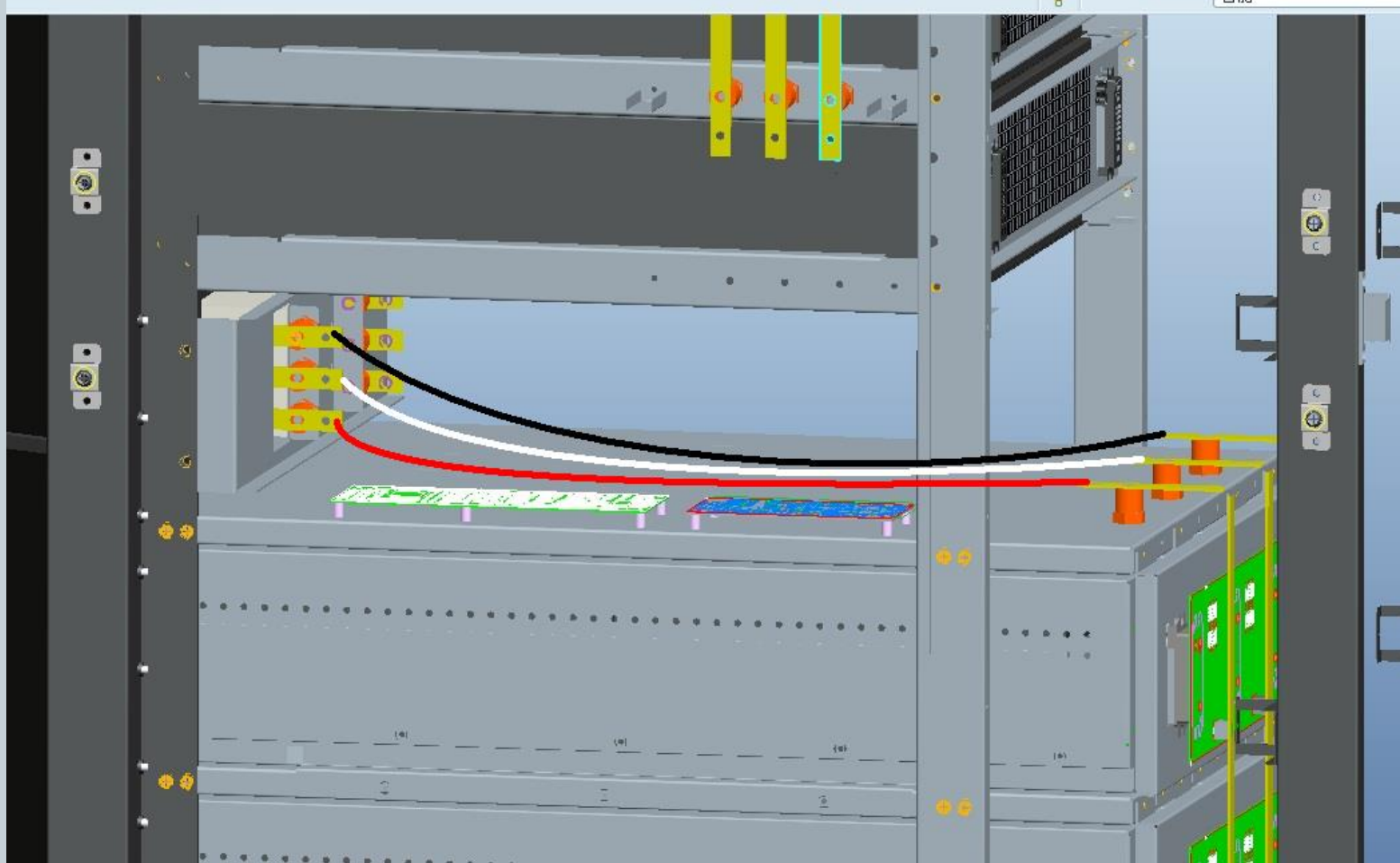


Wire connecting

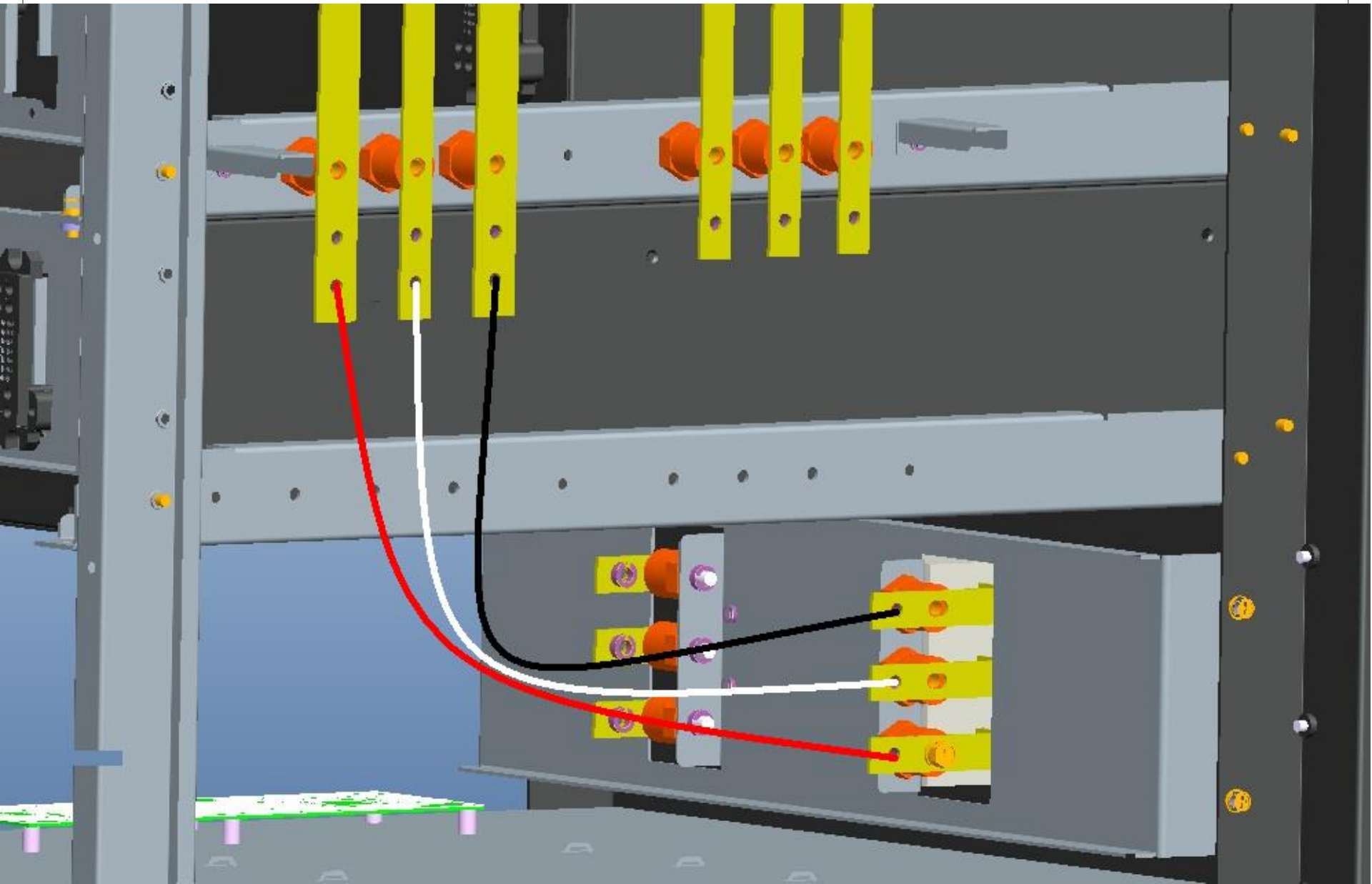
Wire connecting (Internal battery)



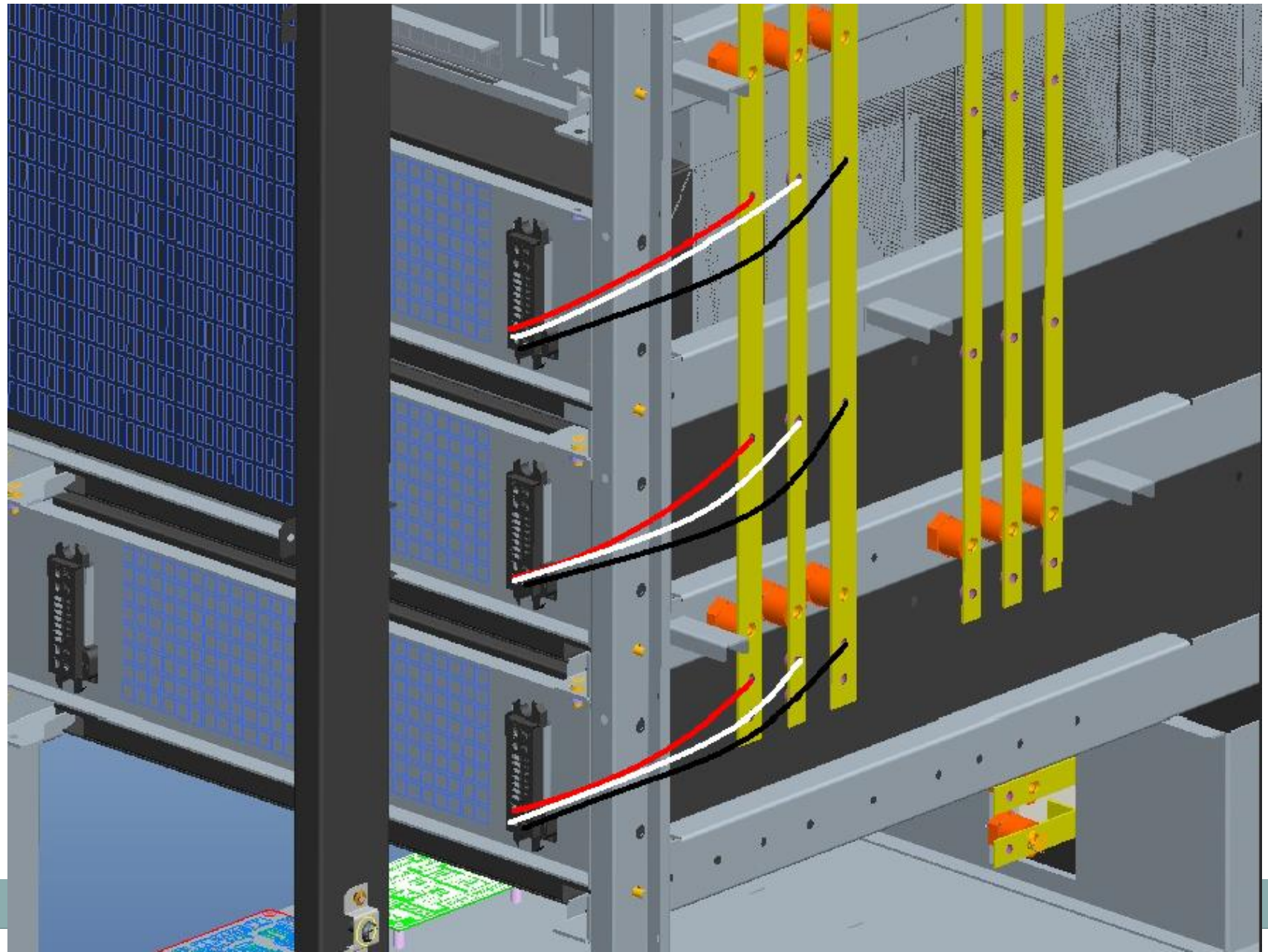
Wire connecting (Internal battery)



Wire connecting (Internal battery)



Wire connecting (Internal battery)

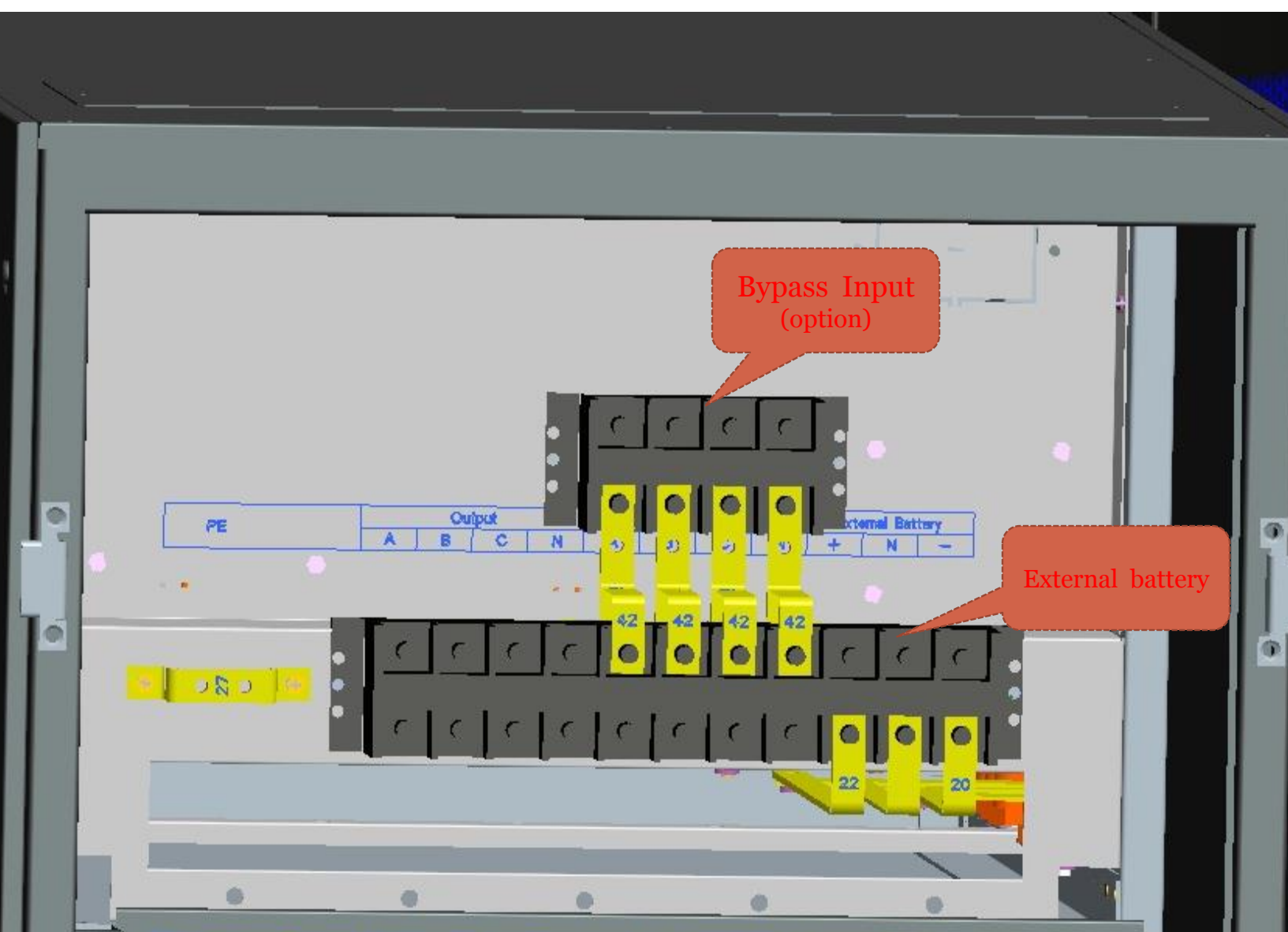


PE	Output				Main Input				External Battery		
	A	B	C	N	A	B	C	N	+	N	-

External battery

27

22 21 20



Bypass Input
(option)

External battery

PE Output External Battery

A	B	C	N	+	N	-
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27

42 42 42 42

22 20

Systematic service



- Special structure
- Accessory
- EMC
- After-sales service

Accessory

- Special hardware for Modbus, SNT, SNMP communication card, parallel kit, Battery temperature compensation module
- Special software for LCD, Output voltage 、 frequency and more