

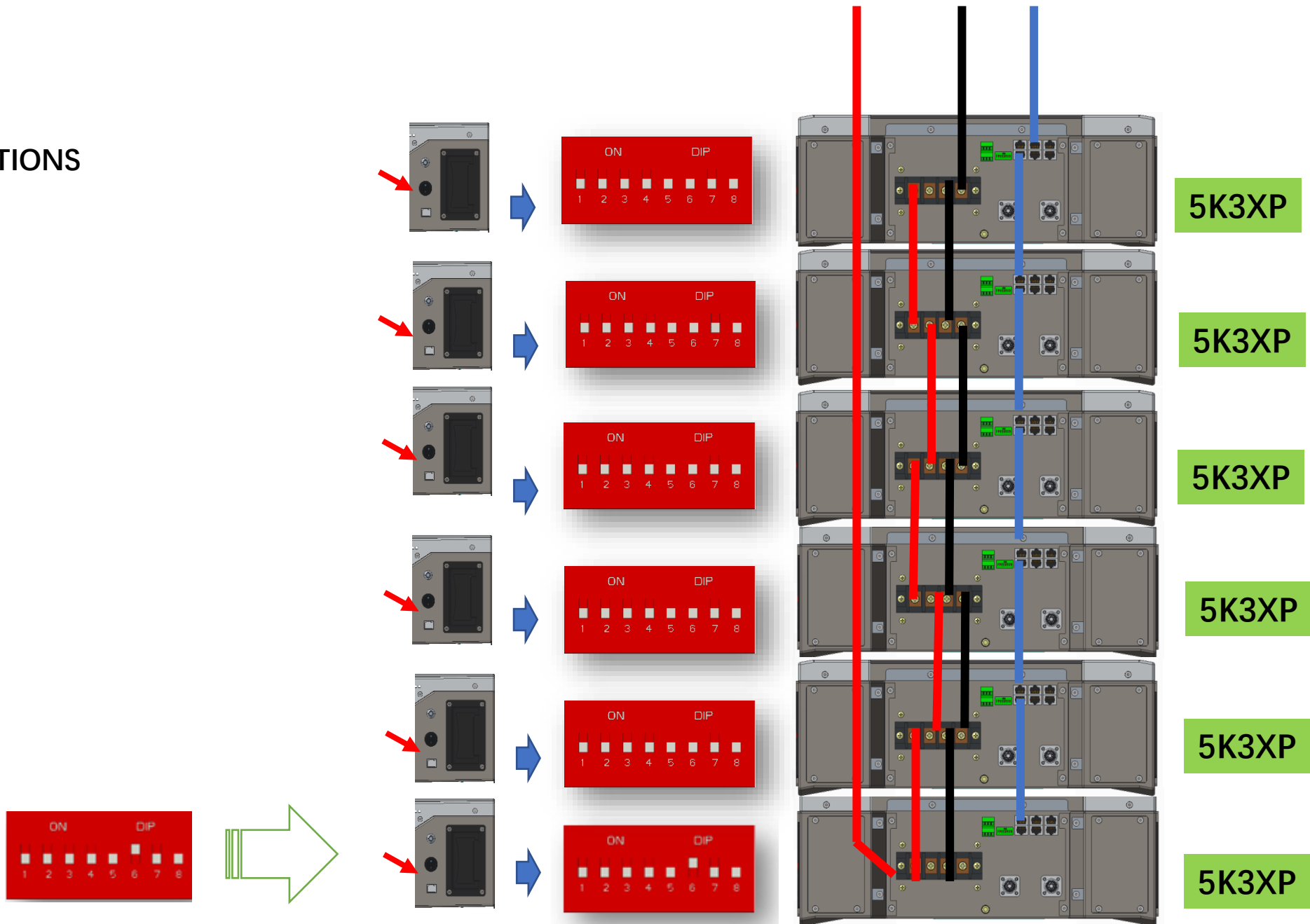


MODULES INTERCONNECTIONS

COMPATIBILITY WITH OLD VERSION LV/HV



5K3XP LOW VOLTAGE OPERATIONS



5K3XP

5K3XP

5K3XP

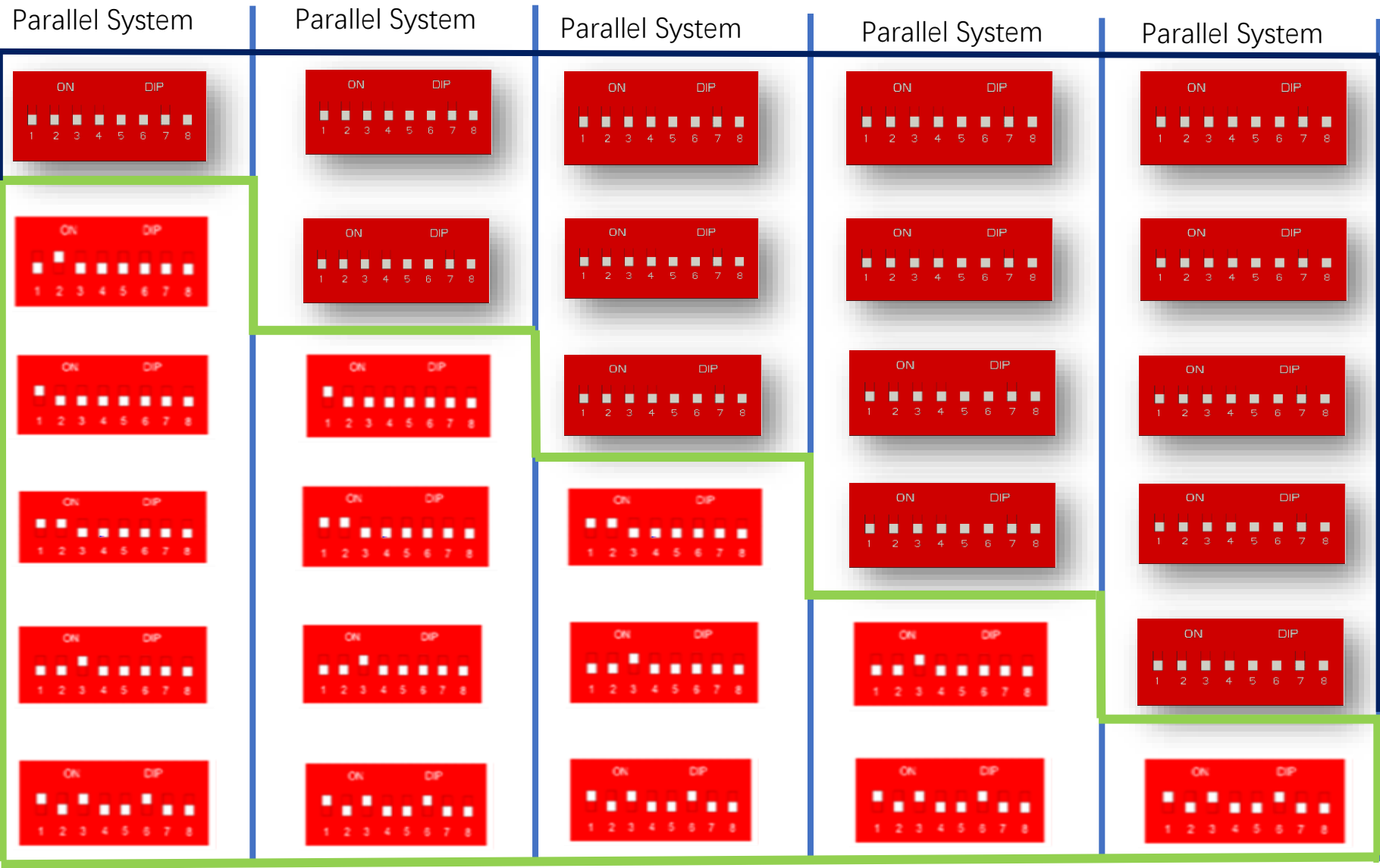
5K3XP

5K3XP

5K3XP

5K3XP

Master



Master

Slave1

Slave2

Slave3

Slave4

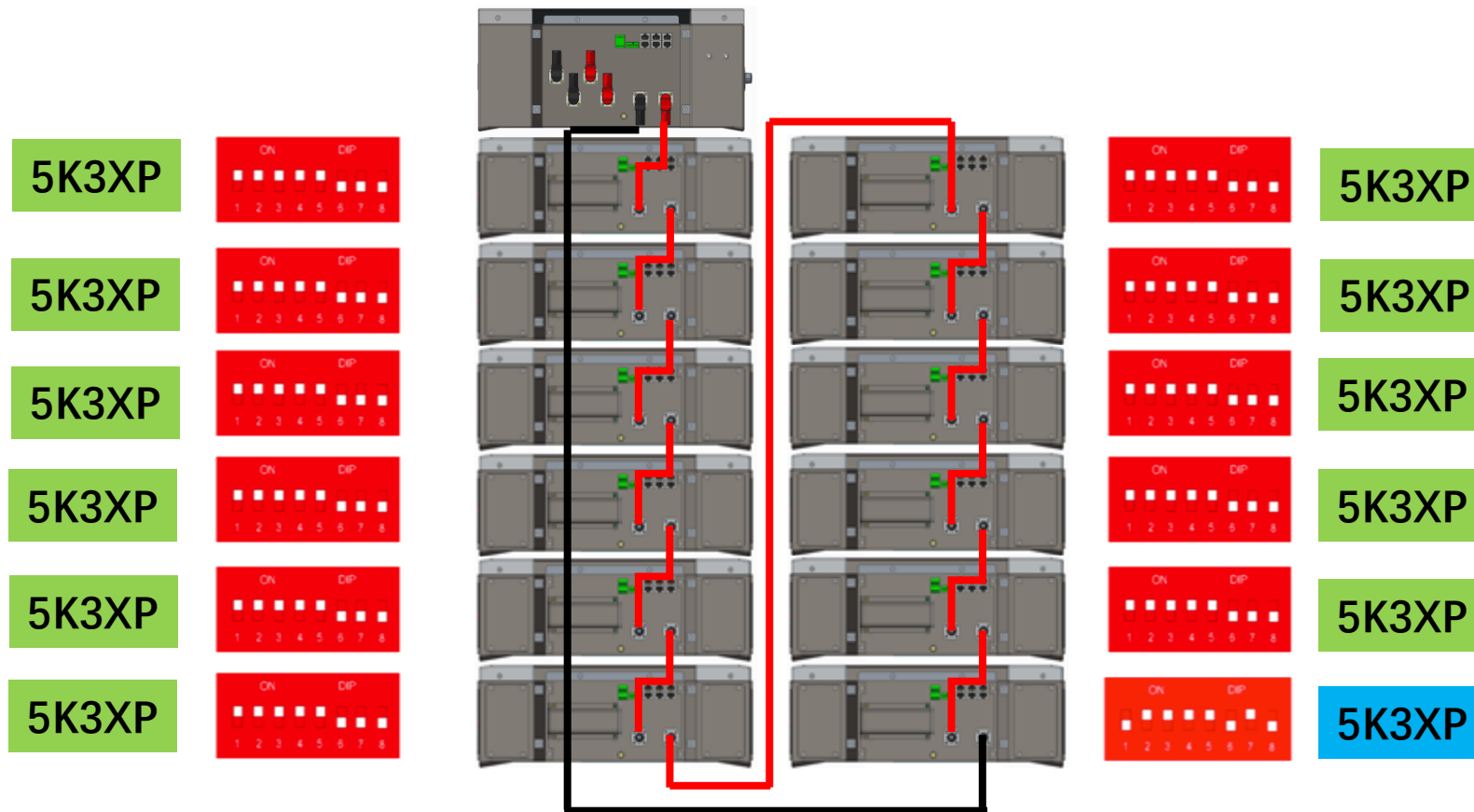
Slave5

5K3XP

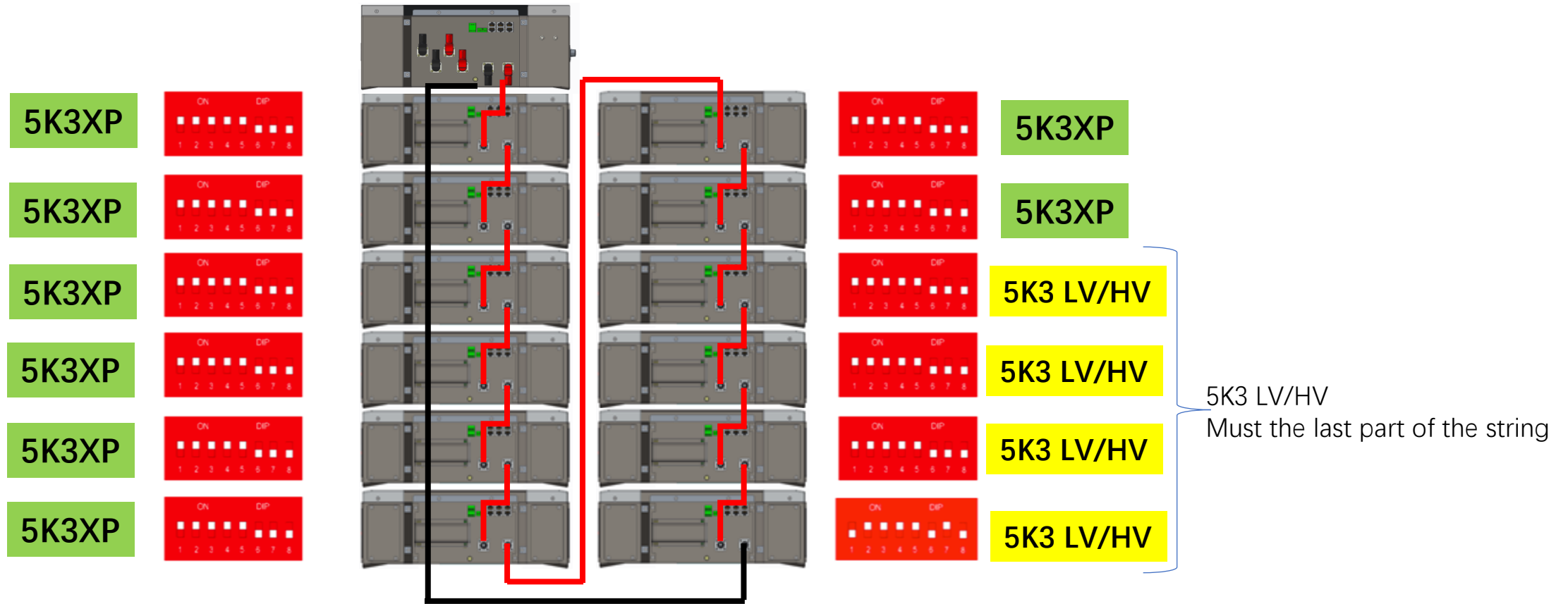
5K3 LV/HV

5K3 LV/HV

HV CONNECTION OF 5K3XP



HV CONNECTION OF 5K3XP



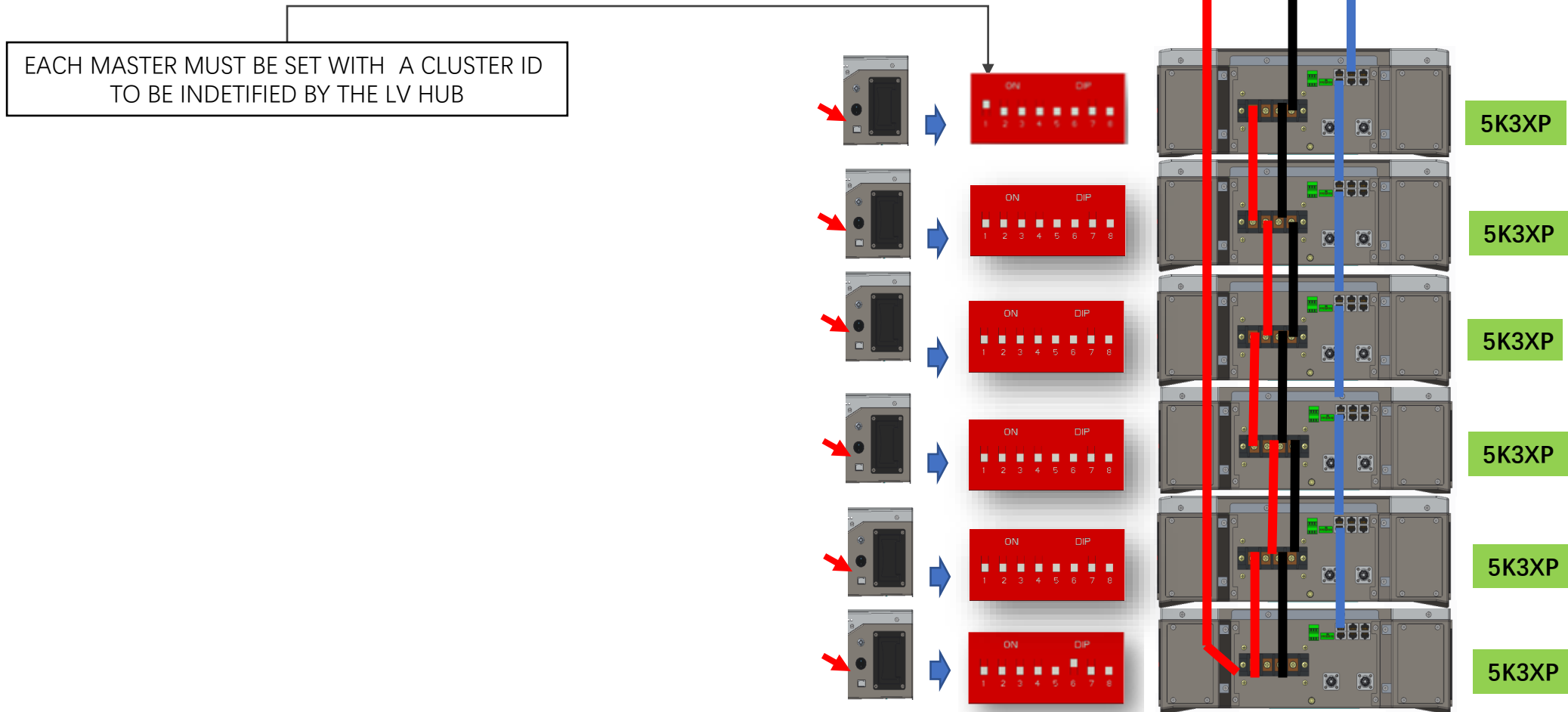
5K3XP LOW VOLTAGE HUB

MAX 7 CLUSTERS AND 15 BATTERIES EACH CLUSTER



5K3XP SET UP OF A LOW VOLTAGE CLUSTER USING AN LV HUB

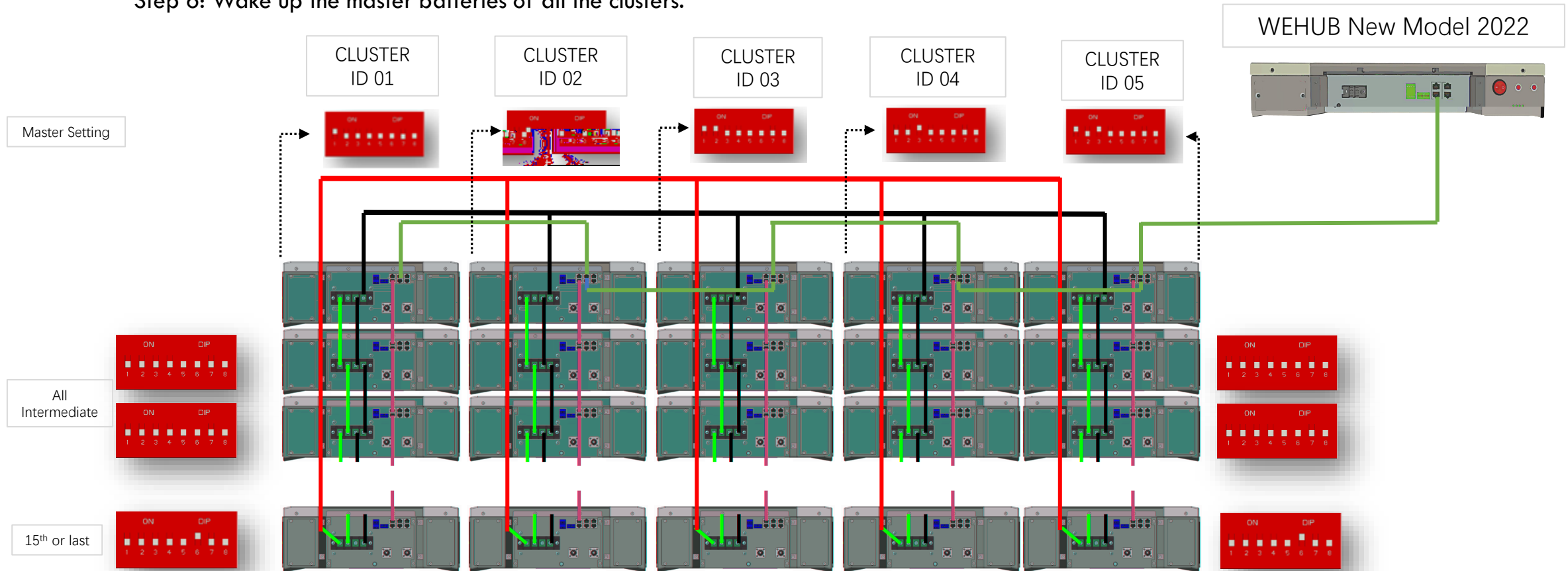
MAX 7 CLUSTERS AND 15 BATTERIES EACH CLUSTER



5K3XP LOW VOLTAGE HUB MAX 7 CLUSTERS AND 15 BATTERIES EACH CLUSTER



- Step 1: Set the parallel clusters as usual, connect the RS485 cables parallel system, connect the power cables
- Step 2: Set the **cluster address** on the **master battery DIP** to assign the Cluster ID
- Step 3: Set the **last battery** DIP address as 0000 0100 to all the clusters.
- Step 4: Set all the **other XP model batteries** DIP address as 0000 0000 of all the clusters.
- Step 5: Turn on the power switches of all the batteries.
- Step 6: Wake up the master batteries of all the clusters.



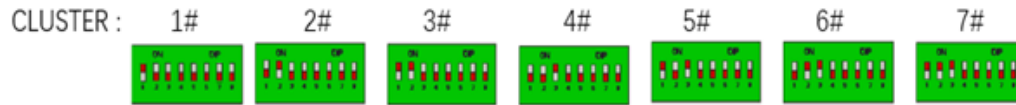
5K3xXP + 5K3 LV/HV LOW VOLTAGE HUB WITH MULTI-CLUSTERS

MAX 7 CLUSTERS AND 6 BATTERIES EACH CLUSTER



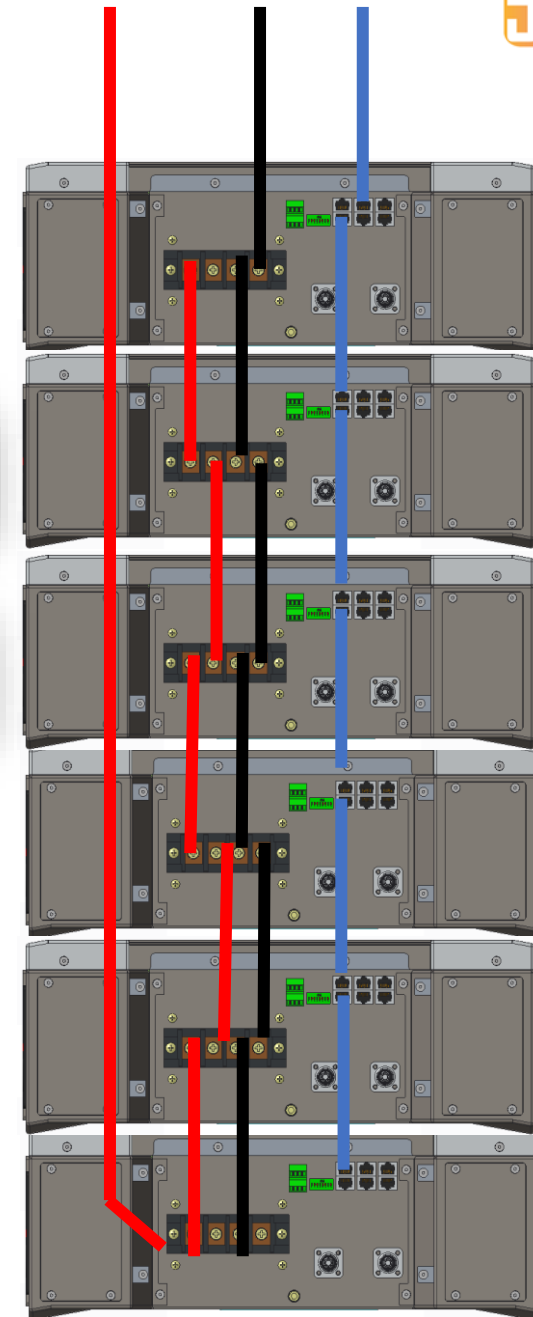
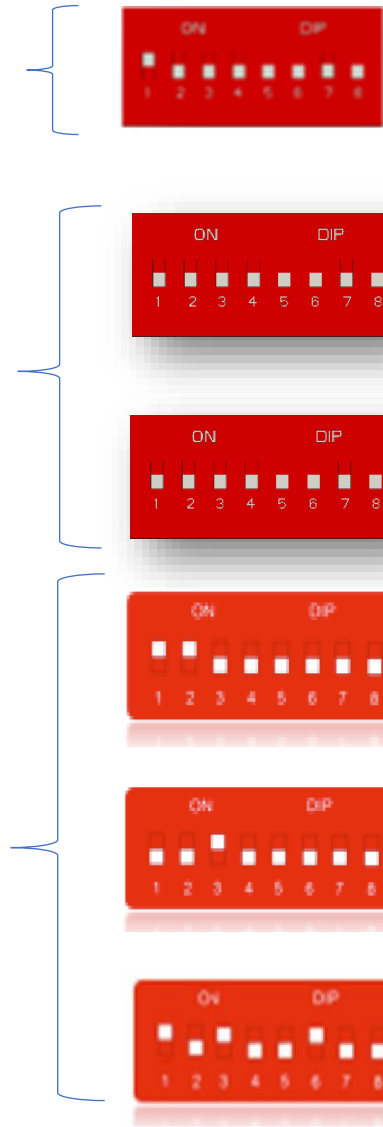
Compose the Cluster adding the New 5K3XP on top of the existing 5K3LV/HV Modules
Set the DIP SWITCH of the first Cluster master as ID 01
(All Masters of the remaining Clusters needs to be set with consecutive ID)

5K3xp MASTER SHOULD BE SET AS THE CLUSTER ADDRESS



5K3XP INTERMEDIATE MODULES MUST BE SET AS 0000 0000

5K3LV/HV MUST BE SET MANUALLY WITH THE ID ACCORDING WITH THE PHYSICAL POSITION IN THE CLUSTER



- 5K3XP
- 5K3XP
- 5K3XP
- 5K3LV/HV
- 5K3LV/HV
- 5K3LV/HV

5K3XP + 5K3 LV/HV LOW VOLTAGE HUB WITH MULTI-CLUSTERS

MAX 7 CLUSTERS AND 6 BATTERIES EACH CLUSTER

