# Difference between XH-V1V2

| No. | Description | Old | New | Advantage |
|-----|-------------|-----|-----|-----------|
| 1 | Dimension | SC0500-40S-V1:442*270*88 | SC0500-40S-V2:442*390*87 | Keep the same width as the other two control modules |
| 2 | D+/D- Power Connector | SC0500-40S-V1:HRS-DF60 | SC0500-40S-V2:AMASS-D1554-M | For SC0500-100S AND SC1000-100S, the connector and dimension remains the same as past |
| 3 | Soft Start Function | NA | Yes | Avoid BMS damage due to inrush current during inverter power on or multiple strings` operation |
| 4 | USB | NA | Yes | USB is used for upgrading firmware and downloading data |
| 5 | WIFI | NA | Yes | Support for remote monitoring purpose via cloud platform |
| 6 | LAN | NA | Yes | LAN is used to communicate between the master control module and PCS(if required) |
| 9 | FLASH | 32M | 1G | event logs： 2000<br>misc logs: 512<br>history logs: 10000 |
| 10 | Multi-strings Mode | MBMS+several control modules | NO MBMS required for multi-strings operation | Use one BMS acting as master BMS further communicate upper controller and synchronize operation multi-strings battery system.<br>Save cost and simplified wiring connection in big system |
| 11 | Fault data logging | NA | Yes | Software function, used to analysis faults |

**\*Such update is for BMS ONLY, the battery module has no update, the new BMS can be used on the same H48050 & H48074 module for service, capacity ex**



**SC0500-40S**