

Balancing status - CAN (QM)
Battery maxvoltage - CAN (QM)
Battery warning status - CAN (QM)
VDS heartbeat - CAN (QM)
Threshold configuration - CAN (QM)
Alarm light control - GPIO (QM)
Buzzer control - GPIO (QM)
Charger heartbeat - CAN (QM)
BMS heartbeat - CAN (QM)
Cell voltage - CAN (QM)
Battery temperature - CAN (QM)
SOC - CAN (QM)
SOH - CAN (QM)
SCP - CAN (QM)
Fault status - CAN (QM)
Ignition status - CAN (QM)
Contactor commands (QM) - CAN
Battery current - CAN (QM)

Cell stack could be included inside the BMS, this is how Denso defines it but it does not agree.

External power supply is optional depends on BMS architecture.
It could also be a different voltage than 12V.



