

Temperature Sensor	VE.Bus Smart Dongle (1)	Smart Battery Sense (3M)	Smart Battery Sense (10M)	Temp. Sensor for Quattro, MultPlus & GX Device	Temp. Sensor for BMV	Temp. sensor type C
Manual	Accessory Manual	Accessory Manual	Accessory Manual	See Inverter / Charger / Device Product Manual	See Battery Monitor Product Manual	See MPPT RS, or Inverter RS Smart Solar Manual
VE.Smart Networking	Yes	Yes	Yes	No	Yes with BMV-712; Yes with dongle for BMV-702	No
Modifying cable length?	n/a	yes (2)	yes (2)	yes (2)	yes (3)	yes (2)

Notes:

1. You can mount the dongle itself directly on the battery. It has an internal temperature measurement. There are also terminals you can connect an external probe to as well, you must use the probe part - ASS000100000.
2. Cable length may be altered without any issue - within reason. The same wiring is used as a power supply for the Smart Battery Sense as well, too much resistance in the cabling will cause a too low voltage reading. If desired, cable length may be shortened without any issue.
3. Although discouraged and unsupported, cable length may also be extended if necessary for the installation - providing the additional length is kept short and conductor cross section is sufficient, a slight increase in cable resistance will not negatively effect the temperature reading accuracy. Note that a notable increase in cable resistance to the BMV temperature sensor will also effect the voltage reading accuracy.