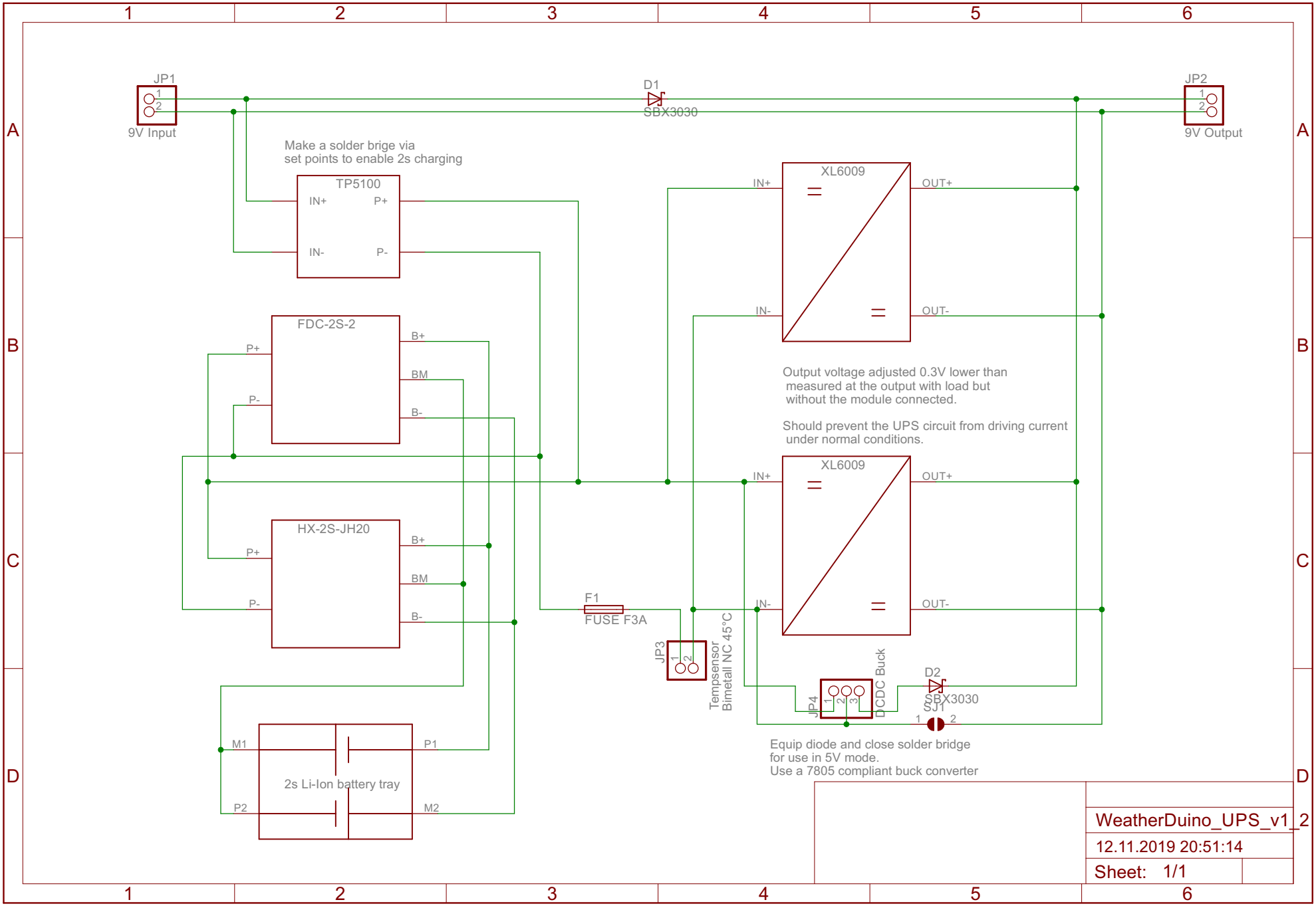
JP1
9V Input
D1
SBX3030
JP2
9V Output
Make a solder brige via
set points to enable 2s charging
TP5100
IN+
P+
IN-
P-
FDC-2S-2
P+
P-
B+
BM
B-
HX-2S-JH20
P+
P-
B+
BM
B-
M1
P1
P2
M2
2s Li-Ion battery tray
F1
FUSE F3A
JP3
Tempsensor
Bimetall NC 45°C
XL6009
IN+
IN-
OUT+
OUT-
Output voltage adjusted 0.3V lower than
measured at the output with load but
without the module connected.
Should prevent the UPS circuit from driving current
under normal conditions.
XL6009
IN+
IN-
OUT+
OUT-
JP4
DCDC Buck
D2
SBX3030
SJ1
Equip diode and close solder bridge
for use in 5V mode.
Use a 7805 compliant buck converter
WeatherDuino_UPS_v1_2
12.11.2019 20:51:14
Sheet: 1/1