

UMOC Screen Data

This is the pedal position.

The range is 0 to 1023.

The meaning of values is as follows for v1.6B12 software with the following parameters:

7 pedal MaxBrake: 0.10 9 Pedal Brake: 0.35 11 Pedal Accel: 0.50 13 Pedal MaxAccel: 0.76
0 to 10 causes a pedal error and 922 to 1023 causes a pedal error

Maximum Braking	Braking	Coasting	Acceleration	Maximum Acceleration
11 to 163	164 to 358	359 to 513	514 to 695	696 to 922

This is the power saver.

The range is 0 to 1023.

The higher the value the more power is drawn from the battery.

For v1.6B12 software it is infinitely variable.

The TriPower switch usually effects it as follows:

Reverse	Neutral	Max Range	Normal	Max Power
1015 to	240 to	240 to	370 to	1015 to
1023	260	260	390	1023

This is Main Power On

It is actually a digital input.

The range is 0 to 1023.

0 to 512 = Power On 513 to 1023 = Power Off

This is Motor Temperature. Limiting starts @ 130

The range is 0 to 1023. Full limiting @ 499

ad: 20 250 1022 1020 3 563 1022 140
D: 1 0 -1 I: 0A 0A 0A

INFO:

ped_T 0
Id 0.0 A
Iq 0.0 A
Temp 20.2 C
Bat. 250.5 V
Rotor 0 rpm

LIMITS TO TORQUE:

Pwr Svr: 1.0
Mtr Temp: 0.1
Box Temp: 1.0
Dev Temp: 0.8
BatV: 1.0
Speed: 0.0

STATUS:

Relay: ON
Power Stage: Disabled
Regen: ENABLED
Error PAL: LEDPwr
Last err:
NEUTRAL