

Tram Controller Shopping List

Colin Edmondson June 2026

200W DC Controller
(check against photos)

12-50V 2000W MAX 40A

PWM DC Controller 1 off



Controller bearings 688 ZZ

8 x 16 x 5 shielded 2 off



Ball bearing and spring are available from CMD, OR

Detent spring, 1 off

Search '5.5mm OD compression springs' in ebay,
find the photo, choose carbon steel 20mm long.

3/16" stainless ball bearing for detent 1 off

Knob for speed control, search for 'black ceramic
drawer knob' and find one 30-35mm diameter

with an M5 thread (most are M5) 1 off



Fixings

M6 x 16 st st button head 8 off

M6 plain nut BZP 8 off

M5 x 20 screw 2 off

M5 nyloc nut 1 off