

10 November 2023

Unique Id: **SET-18169-B**

DECLARATION OF CONFORMITY
to European Medical Device Regulation, MDR 2017/745
R-series Scooter Controller System

Item	Part Number	Description
Scooter Controller	DR50-A01	R-series Controller 50Amp
	DR50-B01	R-series 50Amp Controller with separate metal top cover
	DR90-A01	R-series Controller 90Amp

Dynamic Controls declares that the products specified above, as component(s) of an electrically powered scooter (Class I medical device), conform to all applicable requirements of the Medical Device Regulation, MDR 2017/745.

The R-series scooter controller is intended to provide speed control for small or medium sized scooters that utilise a single 24V DC brushed motor and integrated park brake. The controller will respond to user input demand via an analogue input in terms of direction (forward and reverse) and speed.

Compliance with the General Safety & Performance of MDR Annex I is demonstrated by conformance to the following standards:

ISO7176-14: 2022 – Power and control systems for electrically powered wheelchairs and scooters — Requirements and test methods

EN12184: 2022 - Electrically powered wheelchairs, scooters and their chargers

Note: There are no standards applying solely to such component(s). Appropriate tests, as required by the standards above, were conducted on a representative finished device fitted with this product in combination with associated control equipment.

Dynamic Controls is an ISO13485:2016 Registered Supplier. Certified by SGS on 15 September 2023, Certificate AU02/55954.

For and on behalf of Dynamic Controls



S. Beckett, Quality Manager, Dynamic Controls.

The finished device manufacturer is responsible for final compliance with the appropriate standards of their particular medical device when equipped with this component.