

Speedrite™

DATAMARS

M500 MAINS ENERGIZER



Powers up to 5 km of fence
0.5 J maximum output energy (0.85 J stored energy)

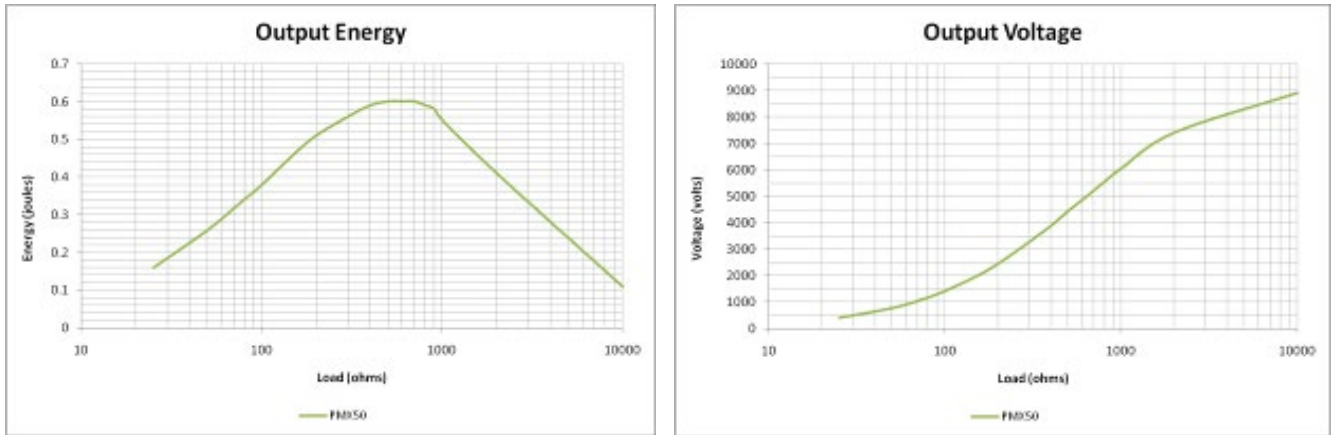
Features:

- **Low impedance energizer.** Designed to deliver power to the end of the fence even under heavy load e.g. foliage, undergrowth
- **Large enclosure.** Robust and rugged professional design
- **Low maintenance design.** Simple 'plug and play' operation ensures successful installation even for inexperienced users
- **LED indicator.** Pulsed when energizer is working
- **Robust covered knob design.** Protects user from terminals and enables easy, safe installation and good connection of wires to the energizer
- **Multiple mounting options.** Energizer is able to be easily mounted on the wall
- **3 year warranty.**

PRODUCT CODE	DESCRIPTION	MARKET AVAILABILITY	GTIN 13 (EACH)
880 0010-775	ENGR SPE M500 230V EU	Europe	9414731438628
880 0010-780	ENGR SPE M500 230V IE UK	Ireland, UK	9414731438673

Speedrite™

DATAMARS



Fence conditions can have a major impact on the effectiveness of any electric fence. Fence condition is dependent upon a number of factors including fence layout, vegetation, grounding conditions, age and state of repair.

SPECIFICATIONS	
Product size (W x H x D) Product carton size (W x H x D) Product shipper size (4 units)(W x H x D) Packaged weight per shipper	190 x 250 x 110 mm 140 x 360 x 240 mm 360 x 250 x 490mm 6.8 kg
Safety standard compliance	IEC 60335-2-76 with IEC 60335-1 AS/NZ 60335.2.76 with AS/NZ 60335.1 CSA/CAN-E60335-2-76 with CSA/CAN-E60335-1 UL69
RFI (Radio Frequency Interference) / EMC standard compliance	EN 55014-1 (equivalent to CISPR 14-1, AS/NZS CISPR 14.1, SANS 214-1) EN 55014-2 (equivalent to CISPR 14-2, AS/NZS CISPR 14.2, SANS 214-2)
Ingress protection category	IPX4
Rated input voltage	110 or 230 V
Rated input power	2.0 W
Operating temperature	-15 to 50 °C
Maximum stored energy Maximum output energy	0.85 J 0.5 J
Typical output voltage performance	Open circuit terminals 10,000 V Standard load (500 Ω) 4,800 V
Minimum number of earth rods	The number of earth rods required will vary depending on earth conditions. Specific earthing requirements exist.

Values are typical and normal production tolerances should be allowed for.

Although the information presented in this Product Information Sheet is believed to be accurate and reliable, no responsibility for inaccuracies can be assumed by Datamars Limited. Performance data is typical only and variations due to component manufacturing tolerances are normal. Datamars Limited reserves the right at any time to change performance characteristics or specifications without prior notice. All trademarks with an * are not owned by Datamars and belong to their respective owners. © Datamars Limited - All rights reserved.