

A-OK AM45 battery/solar tubular motor 10/20 Nm



The A-OK AM45 R-ES-E has a built-in 6200 mAh lithium battery charged by a solar panel, so a roller shutter can be motorised without electrical installation. According to the manufacturer, the battery lasts about 6 months at one up/down cycle per day. Obstacle detection and anti-freeze are built in.

Technical data	
Torque / speed	10 or 20 Nm / 12 rpm
Voltage	12 V DC, 6200 mAh battery
Power / current	45 W / 3.5 A or 60 W / 5 A
Radio	868 MHz, optional Zigbee
Motor diameter	45 mm
Protection class	IP65
Battery life	approx. 6 months at 1 cycle/day (manufacturer data)

Features	
<ul style="list-style-type: none">• No mains cable, charged by solar panel• Obstacle detection and anti-freeze• App and voice control with Zigbee version• High/low speed selectable	

Versions	
Model	Version
AM45-10/12-R-ES-E	10 Nm · Radio 868 MHz
AM45-20/12-R-ES-E	20 Nm · Radio 868 MHz
AM45-10/12-R-ES-E-Z	10 Nm · Radio 868 MHz + Zigbee
AM45-20/12-R-ES-E-Z	20 Nm · Radio 868 MHz + Zigbee

Scope of delivery	
AM45 battery tubular motor and solar panel. Remote, adapter, drive wheel and bearing sold separately.	

Technical data according to A-OK manufacturer catalogue 2026 (as of 10/2026). Connection to 230 V must be carried out by a qualified electrician. Subject to change and errors.