

The electronics and technology of Zero-E

Integrates perfectly with the GARD series street barriers (fitted with the ZL39 control board) plus the new FAST40 swing-gate gearmotor.

Used with SLEEP MODE technology which controls the operator's stand-by phases, it cuts back the system's energy consumption to a minimum when it standing by and idle.

Standard modular structure in anodised aluminium for fastening to the wall or together with barriers.

Post that is 2.70 m tall in anodised aluminium for fixing into the ground.

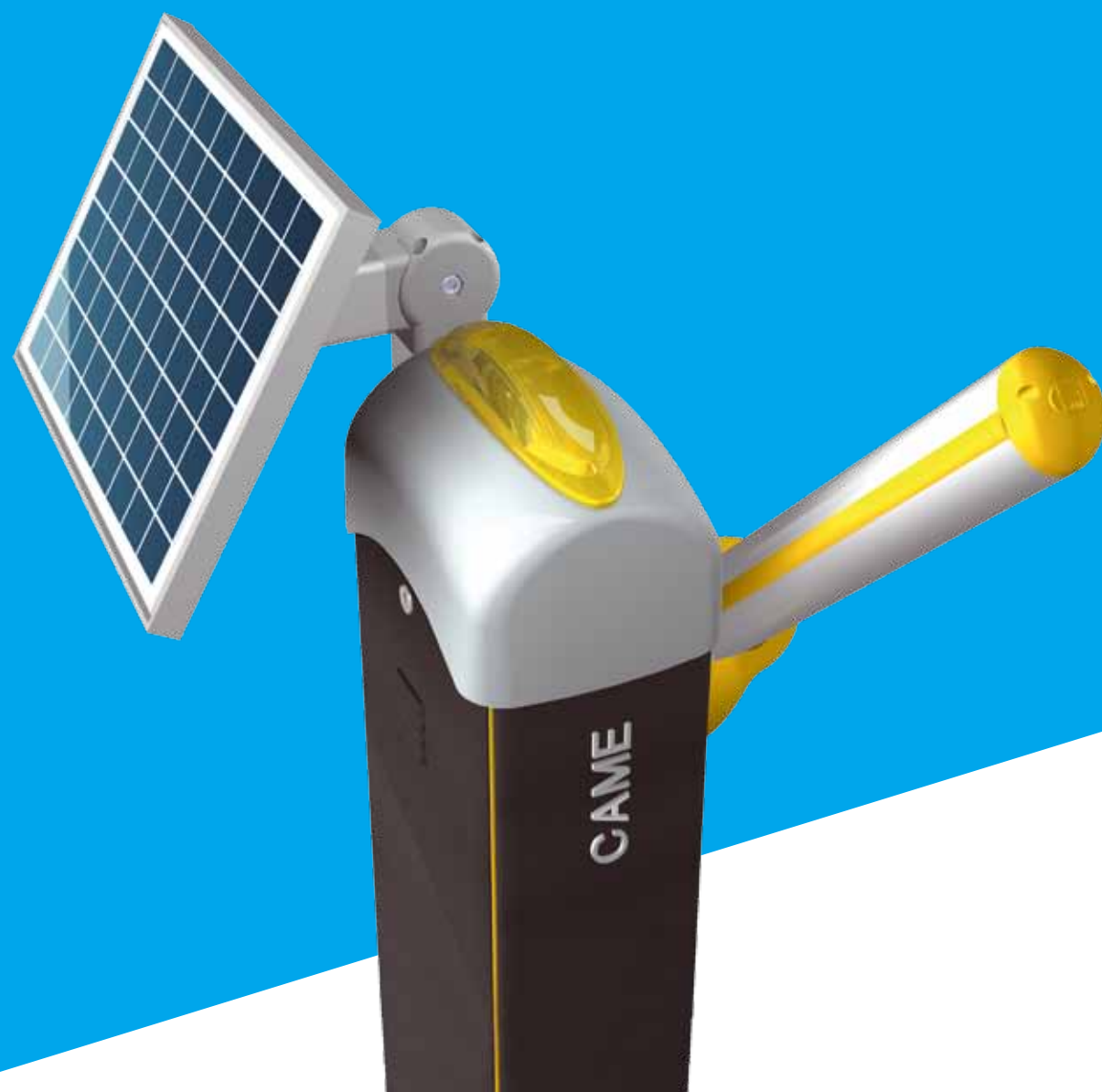
Case for optional batteries for wall or post mounting.

Battery-charger and control board that can link into the power grid during periods when sunlight is scarce.

Simpler connection using only two conductors from the panel to the LBS battery-charger and control board.

ENTER AND EXIT WITH SUNLIGHT.

Zero-E is safe and clean because it uses solar energy and is specifically made for 24 V operators that run on continuous current.



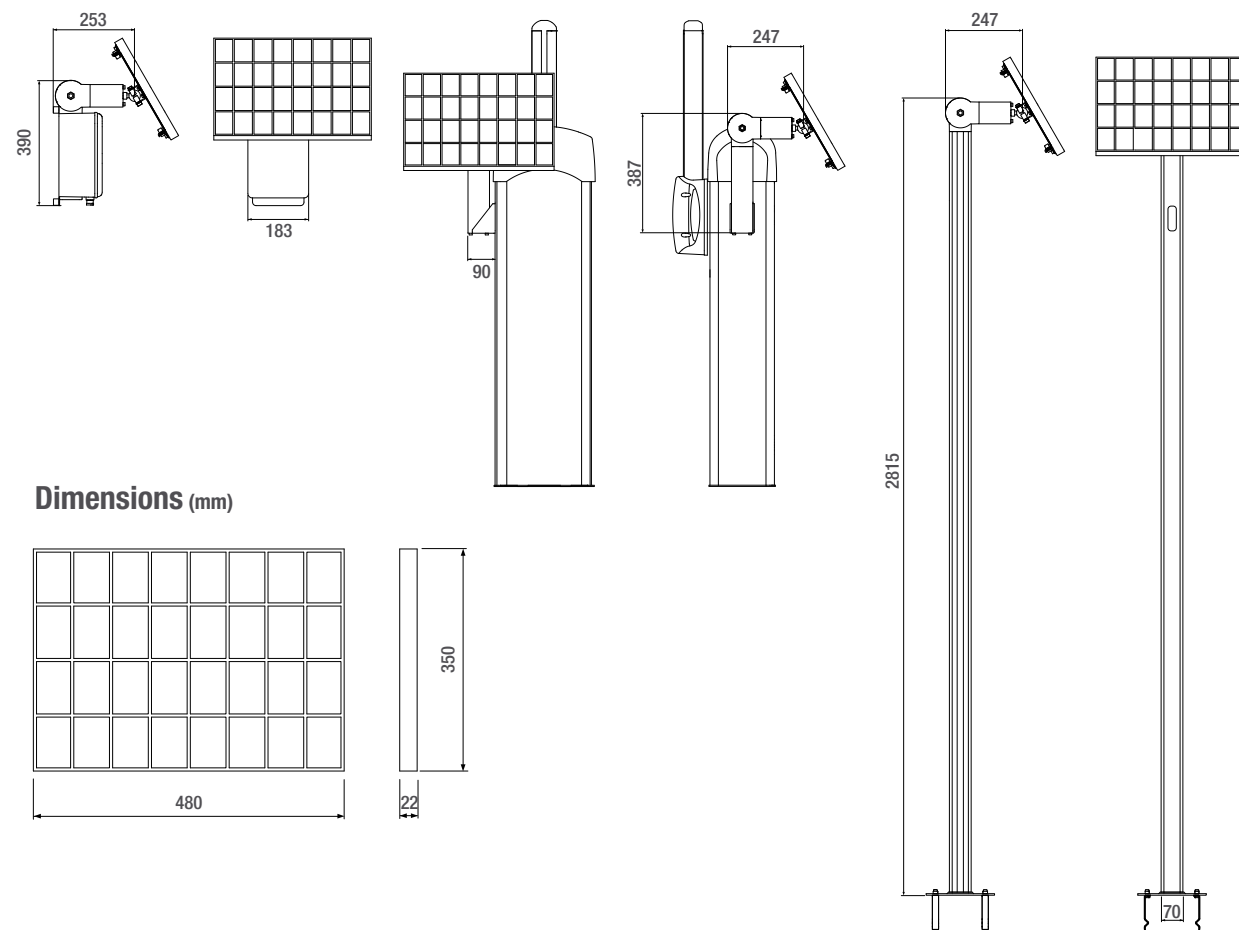
The Zero-E range

Basic photo-voltaic kit	
001ZERO-E01	Photo-voltaic solar panel, adjustable joints and barrier-attaching details, and LBS battery charger board.
Wall-mounting kit	
001ZERO-E02	Casing for board and batteries, wall-mounting plate and distances.
Ground anchoring kit	
001ZERO-E03	Post and plate for anchoring to the ground.

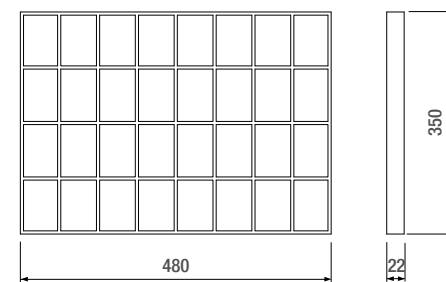
Applied to {a wall (mm)

Applied to {a Gard seriesbarrier (mm)

Applied to a post (mm)



Dimensions (mm)



Technical specifications

Type	ZERO-E01
Max voltage (V)	21.6 DC
Max Isc current (A)	1.19
Average voltage (V)	18
Average current (A)	1.12
Watt peak (Wp)	20
Working temperature (°C)	-25° ÷ +85°

● 24 V DC

Technical specifications of the batteries (not supplied)

Type	BATTERIES*
Nominal voltage (V)	24 DC
Nominal current (Ah)	5,6

● 24 V DC

NOTES: *batteries can be housed in the Came supplied wall casing.

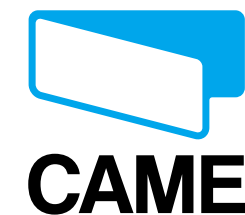


Zero-E

SOLAR PANEL FOR POWERING STREET BARRIER AND AUTOMATIC GATES



ASK ABOUT CAME'S NOVELTIES from your licensed dealer or on came.com



Came cancelli automatici s.p.a.

Via Martiri della Libertà, 15
31030 Dosson di Casier
Treviso - Italy
Tel. (+39) 0422 4940
Fax (+39) 0422 4941
info@came.it
www.came.com



Zero-E

New power for operators.

Zero-E is Came's new solar-powered system, ideal for powering road barriers and gates, that are not connected to the municipal power grid. Ideal for residential use, it provides remarkably extended energy savings, ensuring years of "zero cost" operation! New energy and more environmentally friendly.



The reasons to choose Zero-E

ECOLOGICAL, PRACTICAL, INNOVATIVE.



The new Zero-E system to photo-voltaically run your automated devices, is very easy and simple to install. Composed by a panel, two different, adjustable fastening systems plus a control module with (LBS) battery-recharge feature which supplies power to street barriers (with the ZL39 control board) and to the new Fast40 swing-gate specific gearmotor.

The fact is that Zero-E is specially made to use with the latest high energy-saving control panels; all fitted with "SLEEP MODE" technology.

This controls all of the system's stand-by functions, so when the system is idling on stand-by, energy consumption is reduced to a bare minimum. The LBS battery charger and control module can be connected, using an optional power supply, to the municipal power grid to ensure recharging of the batteries in case of lacking sunlight.

Zero-E also integrates with other photo-voltaic panels or with differently powered batteries to ensure extra duty to the operator.

From today, ZERO-E. A sunray is all it takes to open and close your operator.

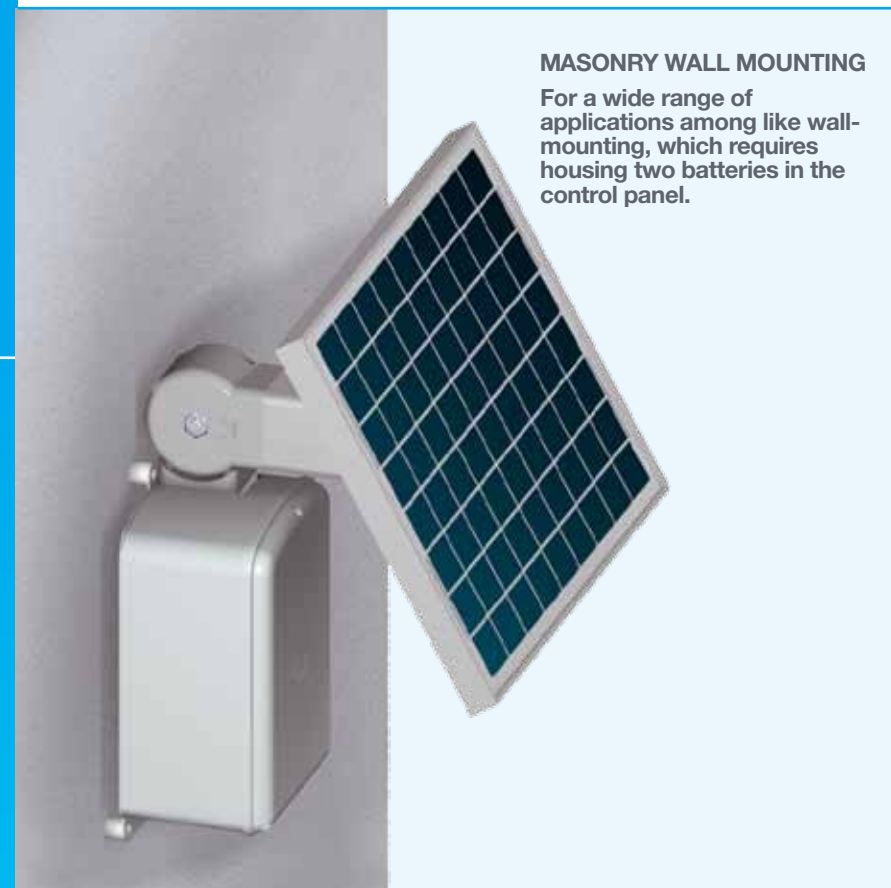
ADVANTAGES:

For the installer:

- Quick and easy assembly.
- Streamlined wiring.
- Very low consumption by the operator thanks to the clean solar energy and SLEEP MODE technology.
- Can link into the municipal power grid only during the battery recharging phase.
- Dedicated casing for housing the batteries when these cannot fit into the operator.

For users:

- Savings thanks to solar energy.
- Clean, long-lasting and eco-friendly energy.
- Blends elegantly into any setting.
- Compatible with the "sleep mode" technology that activates the system's stand-by mode.



MASONRY WALL MOUNTING
For a wide range of applications among like wall-mounting, which requires housing two batteries in the control panel.

SEQUENCE OF ARM MOVEMENT FOR ADJUSTMENTS MADE DEPENDING ON GEOGRAPHIC POSITION

1



System provides 360° adjustments of the support for optimal sun exposure.

2



Adjustment system feature on the panel support bracket.