



CHALLENGER BARRIER (E SERIES)



GENERAL DESCRIPTION

Optima Challenger barriers; It is designed to ensure continuity by regulating traffic in areas with heavy traffic flow, to control the entrances and exits of parking areas, and to prevent foreign vehicles from entering similar areas.

SYSTEM SPECIFICATIONS

MODELS	CHALLENGER E SERIES	
	E300	E600
Maximum arm length	Up to 4m	4-6m
Opening time	3-4 seconds	4-6 seconds
Wind resistance	140 km/h	120 km/h
Cabinet	Galvanized steel	
Arm type & Material	76 mm ellipse & aluminum	
Power supply (V – 50/60 Hz)	220 V +/- %10	
Cycle	%100 , continuous duty	
Automatic time delay	Activated or deactivated if required, adjusted as 5sec and its multiples (35 sec. upper limit)	
Protection Rating	IP55	
Electronics Control Cabinet	IP67	
Power failure	Manual operation	
Environmental Conditions	-25 °C / +65 °C , %95 humidity	



Arm is aluminum with a special elliptical like cross-section design

Low power consumption and silent running

Compatible with all access control systems

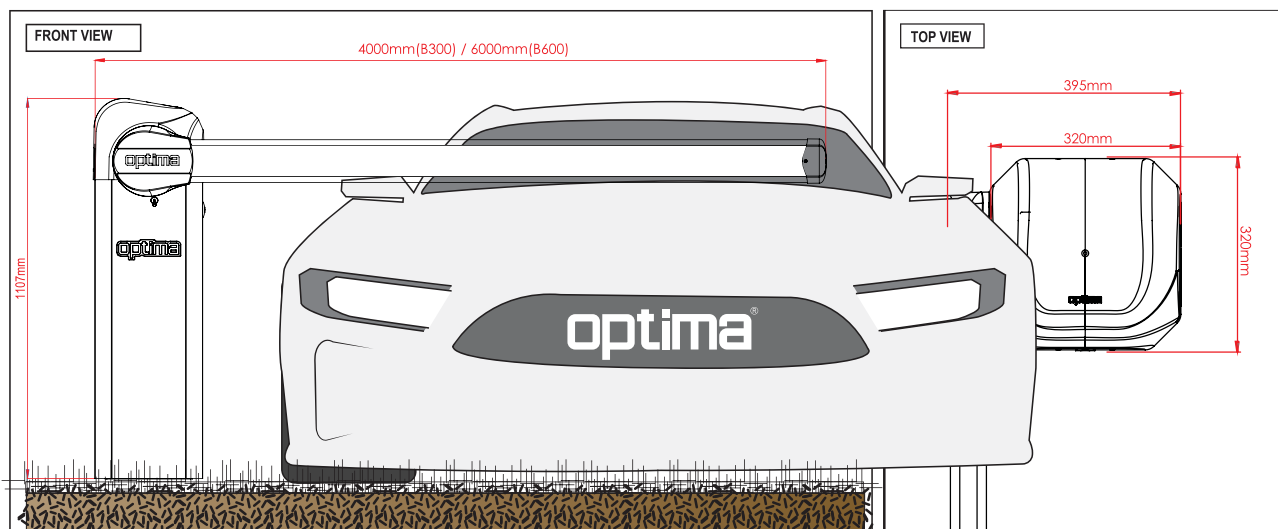
All control electronics manufactured by Optima

ACCESSORIES

SCADA or any control system: It is possible to change and check the position of barrier with touch screen control panel *	Optima Cloud. To control barrier by mobile devices (ios-android), computer, etc. *
Red/Green led light above the aluminum barrier arm *	Radio receiver/transmitter *
Red/green traffic lights with steel pole *	Radio antenna *
Flashing light (flashes while the arm is in motion) *	Wrong direction alarm *
Safety photocell *	High speed alarm *
Stand and casing for safety photocell *	Protection bar for barrier cabinet *
Pneumatic edge sensor *	Barrier skirt *
Dual vehicle safety loop detector *	Stop sign in the middle of barrier arm *
Push button box (Raise/Lower/Emergency Stop) *	

 (Accessories marked with (*) are optional.)

MAIN BODY MEASUREMENTS



Loc 1: Antelias, Seaside, SSS Bldg, beside AISHTI.
Loc 2: Bchamoun, Behind Louise Wegmann, SSS Bldg.

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