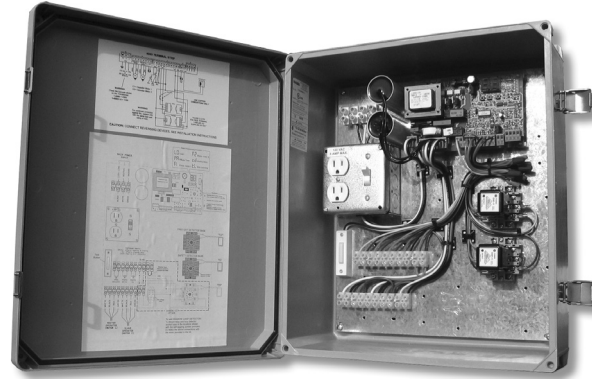


115VAC / 230VAC Control Board for Swing Gate Operators



- Operates a single leaf or bi-parting gate
- Programmable opening and closing slow down
- Eight different function logics
- Built in closing timer
- Fail safe function for photocells
- Opening and closing delays selectable for overlapping gates
- Electrical thrust force adjustable

TECHNICAL SPECIFICATIONS

Input voltage	115 VAC (+10% -6%) or 230 VAC (+6% -10%)
Input power	10 W
Motor max. load	800 W
Accessory max. load	500 mA
Electric lock max load	15 VA
Operating Temperature	-4°F - 131°F (-20°C - +55°C)
Dimensions overall (L x D x H)	17.5 x 15.5 x 6.2" (445x393x157mm)
Weight (without batteries)	15.5 Lbs (7 kg)
Protection class	NEMA type 3, 3R, 4, 4X, 12 and 13
Number of operating logics	8
Protection Fuses	2

Description	Shipping Wt	Voltage	Part Number
455D Control Board Replacement (pre new UL version 7)		115V	790919
		230V	790926
455D Control Board Replacement (post new UL version 7)		115V	790944
		230V	790945
455D with 14 x 16 in. fiberglass enclosure	25 lb (11.3 Kg)	115V	455D115F.5
		230V	455D220F.5
455D with 20 x 16 in. metal enclosure	35 lb (15.8 Kg)	115V	455D115A.5
		230V	455D220A.5
Fiberglass enclosure 14 x 16 in. prewired (without 455D board)	25 lb (11.3 Kg)	115V	3300
		230V	3303
Fiberglass enclosure 10 x 12 in. with backplate	10 lb (4.5 Kg)		2359

455D

Battery Back-up



- Fail safe operation
- Built-in AC surge and lightning protection
- LEDs indicate line / battery mode, low battery, replace battery status

TECHNICAL SPECIFICATIONS

Nominal Input Voltage	120 VAC	230 VAC
Low Voltage transfer to Battery	99 VAC	159 VAC
Output Volt Amp Capacity	1050 VA	800 VA
Output Watt Capacity	705	475
Output Voltage regulation (Battery Mode)	+ / - 5%	
Frequency Compatibility	60 Hz	50 / 60 Hz
Battery Recharge rate	Less than 4 hours from 10% to 90%	
DC system voltage	18 V	12 V
Operating Temperature	32°F - 104°F (0°C - +40°C)	

Description	Shipping Wt	Voltage	Part Number
Battery Backup Single Gate (controls one full system)	45 lb (16.8 Kg)	115V	3520.5
		230V	3521.5
Battery Backup Dual Gate (controls two separate full systems)	45 lb (16.8 Kg)	115V	3522.5
		230V	3523.5
Battery Backup replacement board		115V	3233
		230V	3234
18V Replacement battery pack for 115V version	10 lb (4.5 Kg)		3533
12V Replacement battery for 230V version	6 lb (2.7 Kg)		3536

NOTE

Operating Mode: FAIL SAFE

- The battery backup operates so that during a power outage the gates are opened and left open until the power comes back. The operators will guarantee full access to the property during a power outage.