

GATE OPERATORS



MODEL BA12

Barrier Arm Operator

THE APOLLO BA12 BARRIER ARM OPERATOR IS DESIGNED TO HANDLE A BARRIER ARM UP TO 16 FEET IN TOTAL LENGTH. APOLLO OPERATORS ARE AVAILABLE ONLY THROUGH QUALIFIED DEALERS WITH AN OUTSTANDING REPUTATION IN THE FENCE AND GATE INDUSTRY. THESE DEALERS WILL BE ABLE TO RECOMMEND THE PROPER EQUIPMENT FOR PARTICULAR APPLICATIONS. APOLLO OPERATORS ARE 12 VOLT DC (*DIRECT CURRENT*) POWERED. A 12 VOLT SEALED BATTERY (33 AMPERE HOUR MINIMUM) IS RECOMMENDED.

Wireless (Solar Rechargeable Battery)
 Runs on 12 volts DC
 Adapts to wood, aluminum, or PVC arms
 Operates PVC Arms up to 10 feet
 Handles wood arms up to 16 feet (with counterweight)
 Replacement arms are low cost and easy to change
 Continuous operation
 Battery (not included) rechargeable with solar or electrical battery chargers
 Cover is key lock secured
 All internal steel parts are zinc coated
 Cover and pedestal are powder coated
 Smooth mechanical soft start and stop operation
 Uses the Apollo 800 series circuit board
 No limit adjustments necessary
 Two-year warranty

SUPPLY VOLTAGE
 12 VDC
RECOMMENDED BATTERY
 33aH Sealed Lead Acid
BATTERY CHARGER
 6 amp Automatic Minimum
RECOMMENDED SOLAR PANEL
 Refer to Chart
DUTY CYCLE
 Continuous
OPERATING TEMPERATURE
 -40°F - +150°F
CURRENT DRAW STANDBY
 10mA
CURRENT DRAW OPERATING
 2A
ARM CAPACITY WITHOUT COUNTER WEIGHT
 10 ft., 8 lbs. max
ARM CAPACITY WITH COUNTER WEIGHT
 16 ft., 12 lbs. max
RECOMMENDED ARM MATERIAL (NOT SUPPLIED)
 1"x4" light wood (16 ft. max)
 PVC (10 ft. max)
 Aluminum (.050 wall thickness) 16 ft. max
COUNTER WEIGHT (OPTIONAL)
 20 lbs. Steel

There are several advantages with 12 Volt DC systems:

- **Low voltage virtually eliminates risk of electrical shock.**
- **Battery powered operators can provide up to 500 operations in the event of power outages.**
- **The battery may be recharged with a trickle charger or by solar energy (eliminating the need for costly trenching to remote entrances).**

If a trickle charger is used and a standard electrical outlet is not readily available, a licensed electrician will be required for proper electrical hook up.

The following table should be used as a guide for capacity of operation of operators only, additional options may reduce the the daily usage. *Please note that the charge capability of solar panels will vary with different geographical locations. All solar panels and battery chargers are designed for use with a 12 volt battery.*

CHARGING METHODS FOR AVERAGE DAILY USAGE
 (CAN VARY WITH GEOGRAPHICAL LOCATIONS)
 OPTIONAL ACCESS CONTROL DEVICES WILL REQUIRE
 HIGHER CHARGE CAPACITY

Daily Cycles	1-10	1-20	1-40	1-60	1-80	80+
5 watt solar panel	*					
10 watt solar panel		*				
20 watt solar panel			*			
30 watt solar panel				*		
40 watt solar panel					*	
1.5 amp battery charger					*	
10 amp battery charger						*

(20, 30, 40 watt solar panels require 5310 regulator)

Note: Double the amount of solar panels for Dual Operators.

AVAILABLE FROM: