



Authority herein given and granted for a period of five (5) years from and after Date of Passage.

# BigBelly Solar Intelligent Waste & Recycling Collection System

[1281 50.4

## Materials

RoHS compliant

Galvanized sheet metal steel interior and exterior construction (recycled content)

Heavy duty plastic side panels for dent and scratch resistance (recycled content)

*Exterior Finish: polyester TGIC powder-coat finish for outdoor and salt-spray durability*



Interior Bin: single bin is leak proof made out of low-density polyethylene plastic

## BigBelly Compactor Technical Specs

### Overall Machine Dimensions

Height: 50.4" (1281mm)

Width: 26.5" (672mm)

Depth: 26.0" (660mm)

Handle Height (ADA Compliant): 41.5" (1053mm)

Weight: 300 lbs (136 kg)

Hopper Opening: 6" x 17" (152mm x 432mm)

Bin Volume: 32 gallons (120 L)

Liner Bag: at least 48" (122cm) H, 47" (119cm) W  
recommended thickness at least 2 mil (50 micj

### *Compaction Features*

*'i*

Compaction Force: 1250 lbs. max.(570 kg)

Cycle Time: 41 seconds

(users can deposit waste during cycle-no lock-out)

Motor Size: 1/6-HP DC gear-motor

Drive System: Gear-motor with heavy duty chain

drive (non-hydraulic)

Fully automated, IC processor controlled system senses trash level, fullness and machine status

3-color LED status lamps indicate compacted waste level, machine status and error codes

GPRS wireless data radio for online monitoring and

management system

Unique design achieves deep ram penetration

Vertical ram travel provides even compaction

### Power & Electronics

Polycrystalline silicon cell PV module (30 watts) PV panel protected by polycarbonate bubble

System Voltage: 12 Volts DC

Spill-proof, sealed maintenance-free 12V battery Charge maintained by Pulse Width Modulator Cordless, self-powered unit requires no wiring

### Safety Features

CE approved

Fully interlocked access doors protect users and service personnel

Locked front waste removal door

Separately keyed service access

Fault-tolerant design for hopper insertion door prevents access to compaction area

Low-voltage system (12 Volts)

BigBelly Solar, Inc.  
85 Wells Avenue, Suite 305  
Newton, MA 02459 USA

# BigBelly

# S#LAR

Sales@BigBellySolar.com <mailto:Sales@BigBellySolar.com>BigBellySolar.com <http://BigBellySolar.com>

Toll-free: +1-888-820-0300 InH: +1-781-444-6002 Fax: +1-617-558-1010

## ***Smart Grid for Waste & Recycling***

Department of Business Affairs and Consumer Protection  
Business Assistance Center - Public Way Use Unit City Hall - 121 N. LaSalle Street, Room 800 • Chicago, IL 60602 (312)-74-GOBIZ (312-744-6249) • (312) 744-1944 (TTY) <http://www.cityofchicago.org/bacp> <<http://icaao.org/bacp>>

**10/03/2012**

**Alderman William D. Burns**

Ward # 04 City of Chicago City Hall,  
Room 300 121 North LaSalle Street  
Chicago, Illinois 60602

**Re: An ordinance to use and maintain a portion of the public right-of-way for one (1) trash container(s) for QUAD COMMUNITIES DEVELOPMENT CORPORATION, adjacent to the premises known as 4681 S. Cottage Grove Ave..**

**Dear Alderman William D. Burns:**

The applicant referenced above has requested the use of the public right-of-way for a trash container(s). An ordinance has been prepared by the Department of Business Affairs and Consumer Protection - Business Assistance Center - Public Way Use Unit for presentation to the City Council. Because this request was made for properties located in your ward, as approved by you as per the attached, I respectfully request that you introduce the attached ordinance at the next City Council meeting.

If you have any questions regarding this ordinance, please contact Anthony Bertuca at (312) 744-5506.

**Department of Business Affairs and Consumer Protection**