



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

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### 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: polyesterTGIC 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): 4V.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 mic)

## Compaction Features

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

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

Low-voltage system (12 Volts)

# BigBelly

# S#LAR

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## *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/E/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 4303 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**