

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 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

Low-voltage system (12 Volts)

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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/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