

**FREEWAVE**

Model: WC20i-HART



Intertek  
4003827

Boulder, CO USA  
www.freewave.com

S/N: 00000001

CLASS I, DIVISION 1 GROUPS C, D

TEMP CODE: T3

AMBIENT TEMP: -40°C to +60°C

CONFORMS TO UL STD 913

CERTIFIED TO

CAN/CSA STD C22.2 NO. 157

FCC ID: W8V-WC20I

IC: 8373A-WC20I

**ENTITY PARAMETERS**

Exi  
[Exi]

INPUT POWER: OUTPUT (J3):

Vmax = 5.9 Vdc

Voc = 21 Vdc

Imax = 3.1 A

Isc = 111 mA

Pmax = 0.8 W

Ca = 1.16 uF

Ci = 34.2 uF

La = 11.5 mH

Li = 14.2 uH

**INTRINSICALLY SAFE**

**SECURITE INTRINSEQUE**

INTRINSICALLY SAFE WHEN CONNECTED

PER FREEWAVE DRAWING 960-0026-02

**WARNING: POTENTIAL**

**ELECTROSTATIC DISCHARGE**

**HAZARD! SEE INSTRUCTIONS**

**AVERTISSEMENT: DANGER**

**POTENTIEL DE DECHARGES**

**ELECTROSTATIQUES: VOIR LES**

**INSTRUCTIONS**

**WARNING: USE OF ANY BATTERY**

**OTHER THAN FREEWAVE WC-3BAT-IS**

**or WC20i-Solar**

**MAY IMPAIR INTRINSIC SAFETY**

**AVERTISSEMENT: LA SUBSTITUTION  
DE COMPOSANTS PEUT COMPROMETTRE  
LA SECURITE INTRINSEQUE**

**WARNING: SUBSTITUTION OF  
COMPONENTS MAY IMPAIR  
INTRINSIC SAFETY**

**FreeWave Technologies, Inc.**

Part Name Label, WC20i-HART, ETL C1D1 Date 2/21/17

Part Number 345-0009-02 Rev C

Material 0.020" Aluminum, PhotoAnodized

**Notes**

1. Etching/Printing is Black on a Silver Background
2. Above Graphic Representative of Label Printing
3. 0.156" mounting holes centered 2.75" apart (center to center)
4. All Text Must be Easily Readable
5. Serial Numbers Increment from Starting Number  
Defined on Purchase Order