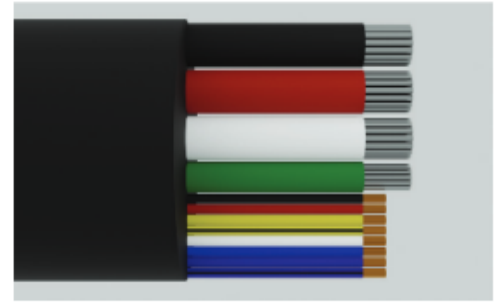




# Specification Sheet



## Aluminum Installation Composite Cable

## Home Standby Generators Rated 16-24kW Propane, 16-26kW Natural Gas

Part No. CM-HSBCC-AL-1361-CU188-BLK

### CONSTRUCTION PARAMETERS

#### 3-Conductor (Power)

**Conductor:** 1 AWG Class B Compact  
8176 Aluminum Alloy per  
ASTM B801

**Diameter:** 0.462"

**Insulation:** PVC/Nylon

**Nom Wall:** 0.057"

**Color Code:** Black, White, Red

#### 1-Conductor (Ground)

**Conductor:** 6 AWG Class B Compact  
8176 Aluminum Alloy per  
ASTM B801

**Diameter:** 0.292"

**Insulation:** PVC/Nylon

**Nom Wall:** 0.035"

**Color Code:** Green

#### 8-Conductor (Control)

**Conductor:** 18 AWG 16/30  
Bare Copper

**Diameter:** 0.086"

**Insulation:** PVC/Nylon

**Nom Wall:** 0.021"

**Color Code:** Black, Red, Yellow,  
Yellow/Black, White, Blue  
Purple, Purple/Black

### CABLING

**Lay Length:** 14" (prox) **Core Wrap:** Polypropylene Tape

### JACKETING

**Outer Jacket:** PVC

**Nom Wall:** 0.080" Nom

**Diameter:** 1.407"

**Jacket Color:** BLACK

**Legend Type:** Ink Jet

**Sequential Marking:** Continuous

### PHYSICAL PROPERTIES

**Temperature Range:** 90°C Dry/75°C Wet

### ELECTRICAL PROPERTIES

**Voltage Rating:** 600V RMS

### INDUSTRY APPROVALS

**UL:** TC-ER-JP

**UL:** 1685

**UL Standard:** 1277

**NEC/NFPA:** 336.10(9)

### FEATURES

**Oil Resistant:** Oil Res I

**Sunlight Resistant:** Yes

**Direct Burial:** Yes

**Water Resistant:** Yes

**Joist Pull:** Yes



### COMPLIANCE

**RoHS:** Complies with EU Dir. 2011/65/EU (RoHS-2)

POWER & CONTROL TRAY CABLE 1 AWG (42.41{mm<sup>2</sup>}) 3/C AL & 6 AWG (13.30{mm<sup>2</sup>})  
1/GRND AL & 18 AWG (.82{mm<sup>2</sup>}) 8/C CU TC-ER-JP E75755 {UL} 600V 90C DRY/75C  
WET OIL RES I SUNLIGHT RESISTANT DIRECT BURIAL -- CABLEMASTER P/N CM-HSBCC-AL1361-CU188 {SEQUENTIAL

Component Number	No. Cond.	Gauge AWG/MCM	Nom. Cond.	Insulation Wall, Nom.		Jacket wall Nom.		O.D., Nom.		Net Weight	
			DCR Ω/M'	inches	mm	inches	mm	inches	mm	lb./kft.	kg/km
Component 1 (Power)	3	1	0.24	0.057	1.45						
Component 2 (Ground)	1	6	0.77	0.035	0.89	0.080	2.04	1.407	35.74	628	937
Component 3 (Control)	8	18	6.40	0.021	0.53						

**Note:** All dimensions & weights are nominal subject to industry standards and tolerances unless otherwise noted.

The customer will accept all factory lengths and +/- 10 percent of total order requested.  
Complies with EU Dir. 2011/65/EU (RoHS-2)