

PRODUCT SPECIFICATION SHEET

GENERATOR INSTALLATION COMPOSITE CABLE FOR HOME STANDBY GENERATORS - COPPER 17-24KW



CM-HSBCC-18-22KW – 3/3 + 8/1 + 18/6 TC-ER-JP 600 V BLACK



CONSTRUCTION PARAMETERS:

COMPONENT 1 (POWER)

Conductor: 3 AWG 19/UL Combo Bare Copper
 Diameter: 0.356"
 Insulation: PVC/Nylon
 Nom Wall: 0.051"
 Color Code: Black, White, Red

COMPONENT 2 (GROUND)

Conductor: 8 AWG 19/.0295" Bare Copper
 Diameter: 0.222"
 Insulation: PVC/Nylon
 Nom Wall: 0.037"
 Color Code: Green

COMPONENT 3 (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

CABLING

Lay Length: 12.01" Core Wrap: Polypropylene Tape

JACKETING

Outer Jacket: PVC Nom Wall: 0.083" Nom Diameter: 1.000"
 Jacket Color: BLACK
 Legend Type: Ink Jet

POWER & CONTROL TRAY CABLE 3 AWG (26.67mm²) 3/C & 8 AWG (8.36mm²) 1/GRND & 18 AWG (.82mm²) 6/C TC-ER-JP E75755 (PLANT ID CODE) (UL) 600V 90C DRY/75C WET OIL RES I SUNLIGHT RESISTANT DIRECT BURIAL -- GENERAC P/N CRLHSB18-22

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 2020

Features:

Oil Resistant: Oil Res I
 Sunlight Resistant: Yes
 Direct Burial: Yes
 Water Resistant: Yes
 Joist Pull: Yes

Compliance:

RoHS: Complies with EU Dir. 2015/863 - (RoHS-3)

Component Number	No. Cond.	Gauge AWG/MCM	No. Strands	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	3	19/UL Combo	0.21	0.051	1.30	0.083	2.11	1.000	25.40	851	1266
Component 2 (Ground)	1	8	19/.0295"	0.65	0.037	0.94						
Component 3 (Control)	6	18	16/30	6.40	0.021	0.53						

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

Complies with EU Dir. 2015/863 - (RoHS-3)

The customer will accept all factory lengths and +/- 10 percent of total order requested.

1600 W. Cornell St. Milwaukee, WI 53209 | cablemasterpowercords.com | 414.292.2180