

Trystar Generator Power Cable

Description

Trystar® brand UL Listed® (2000V)/cUL (600V) listed generator cable is constructed with a 30 ga. extra flexible Class K (ASTM-B) bare, annealed electrolytic copper. It is also equipped with an added inner jacket for safety.

This separator is extruded in a high contrast color and applied between the conductor and outer sheath for increased insulation, added flexibility, and easily identifiable damage or wear.

The outer jacket TYPE PPE (FT5) provides oil, water, acid, gas, ozone, resistance, flame retardant, durability, and extreme flexibility at all operating temperatures.

Manufactured to UL and c(UL) standard 1650, MSHA listed, RoHS Compliant and surpasses NEC 400 requirements and may be used in any application where Type W, G, or G-GC cable is used.



Trystar Generator Power Cable
Shown: 208V (Black)

Applications

- Portable generators
- Portable power distribution equipment
- Industrial and mining applications
- Heavy-duty service
- Motor, battery and generator leads

Key Features:

- Temperature Rating: -40° to 90°C
- Safe and reliable connections
- Custom printing available
- Oil, water, acid, gas, and ozone resistant
- Flame retardant
- Listed for use in accordance with Article 400 of the NEC®
- UL and cUL Listed

***- Designed to provide a safe and reliable connection...
From a power source to a load.***

Product Specifications

Size	Stranding / Construction	Conductor Nominal OD (in)	Nominal Finished OD (in)	Approx. Weight (lbs. / M ft.)	Ampacity
8	168 (7x24/30)	0.15	0.4851	162	80
6	266 (7x38/30)	0.192	0.525	197	105
4	420 (7x60/30)	0.252	0.582	204	125
2	665 (7x95/30)	0.32	0.65	315	190
1	836 (19x44/30)	0.36	0.7253	376	220
1/0	1064 (19x56/30)	0.397	0.775	480	260
2/0	1330 (19x70/30)	0.46	0.82	603	300
3/0	1691 (19x89/30)	0.51	0.88	716	350
4/0	2109 (19x111/30)	0.58	0.965	895	405

Temperature Correction Factors

Adjustment for more than three current carrying conditions:

The values listed above are based upon ambient temperature @ 30°C (86°F). Values are for single conductors, where the individual conductor is not installed in raceways or physical contact with each other except in lengths not exceeding 24.0 inches.

For ambient temperatures other than 30°C (86°F) multiply the allowable ampacities stated above by the appropriate conversion factor listed below.

Ambient Temperature (Celsius)	Factor	Ambient Temperature (Fahrenheit)	Number of Conductors	Temperature Adjustment
21-25°	1.04	70-77°	4-6	80%
26-30°	1	78-86°	7-9	70%
31-35°	.96	87-95°	10-20	50%
36-40°	.91	96-104°	21-30	45%
41-45°	.87	105-113°	31-40	40%
46-50°	.82	114-112°	41+	35%
51-55°	.76	123-131°	Derating for Conduit of Trystar Application	
56-60°	.71	132-140°		
61-70°	.58	141-158°		
71-80°	.41	159-176°		

For more information, visit us at: TRYSTAR.com