



12 Volts

WIRE SIZING CHART

Total System Length (length of positive feed + length of negative return) in inches

SYSTEM AMPERAGE

	24"	48"	72"	96"	120"	144"	168"	192"	240"	288"	336"	400"	500"	600"
100	10ga	8ga	6ga	4ga	4ga	4ga	2ga	2ga	1ga	1ga	1/0	2/0	3/0	4/0
120	10ga	8ga	6ga	4ga	4ga	2ga	2ga	2ga	1ga	1/0	2/0	3/0	4/0	4/0
140	10ga	6ga	4ga	4ga	2ga	2ga	2ga	1ga	1/0	2/0	2/0	3/0	4/0	2-2/0
160	8ga	6ga	4ga	2ga	2ga	2ga	1ga	1/0	2/0	2/0	3/0	4/0	2-2/0	2-3/0
180	8ga	6ga	4ga	2ga	2ga	1ga	1/0	1/0	2/0	3/0	4/0	2-2/0	2-2/0	2-3/0
200	8ga	4ga	4ga	2ga	1ga	1ga	1/0	2/0	3/0	3/0	4/0	2-2/0	2-3/0	2-4/0
250	6ga	4ga	2ga	1ga	1/0	1/0	2/0	3/0	3/0	4/0	2-2/0	2-3/0	2-4/0	2-4/0
300	6ga	4ga	2ga	1ga	1/0	2/0	3/0	3/0	4/0	2-2/0	2-3/0	2-4/0	2-4/0	
350	6ga	2ga	1ga	1/0	2/0	3/0	3/0	4/0	2-2/0	2-3/0	2-3/0	2-4/0		
400	4ga	2ga	1ga	2/0	3/0	3/0	4/0	2-2/0	2-3/0	2-3/0	2-4/0			
450	4ga	2ga	1/0	2/0	3/0	4/0	4/0	2-2/0	2-3/0	2-4/0	2-4/0			
500	4ga	1ga	1/0	3/0	4/0	4/0	2-2/0	2-3/0	2-3/0	2-4/0				
600	4ga	1ga	2/0	3/0	4/0	2-2/0	2-3/0	2-3/0	2-4/0					
700	2ga	1/0	3/0	4/0	2-2/0	2-3/0	2-3/0	2-4/0						

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