



Si Series Remote Mounting Distance Guide

Maximum Mounting Distance from Loads

	120 VAC	120 VAC	277VAC	277 VAC
Si- Model	14 gauge	12 gauge	10 gauge	12 gauge
Si-27	1000 ft w/18ga	1000 ft w/18ga	1000 ft w/18ga	1000 ft w/18ga
Si-36	1000 ft w/18ga	1000 ft w/18ga	1000 ft w/18ga	1000 ft w/18ga
Si-50-PST	300 ft w/18ga	300 ft w/18ga	300 ft w/18ga	300 ft w/18ga
Si-125 (-PST)	650 ft	1000 ft	1700 ft	3450 ft
Si-200-PST	1000 ft	1000 ft	1000 ft	1000 ft
Si-250 (-PST)	340 ft	500 ft	850 ft	1750 ft
Si-375 (-PST)	215 ft	350 ft	540 ft	1120 ft
Si-400	215 ft	350 ft	540 ft	1120 ft
Si-550 (-PST)	140 ft	225 ft	360 ft	750 ft
Si-600	140 ft	225 ft	360 ft	750 ft

For Larger inverters such as Si-750, Si-950 and Si-1150, voltage drop calculations can be used and voltage drops for actual load should not exceed 3%.