

Soil Resistivity	Generator Capacity KVA	Full Load Current A	Size of Copper-bonded rod	No. of Rods
30 Ω m	Upto 10 KVA	14 A	14.2mm dia x 1.5m long	3
	15 KVA	21 A	14.2mm x 1.5m long	3
	15 KVA to 63 KVA	88 A	17.2mm x 1.5m	3
	63 to 82.5 KVA	115 A	17.2mm x 2.0m	3
	100 KVA	140 A	17.2mm x 2.5m	3
	125 KVA	175 A	25.0mm x 2.5m	3
	160 KVA	224 A	20.0mm x 2.5m	3
	200 KVA	280 A	25.0mm x 2.5m	3
	250 KVA	350 A	25.0mm x 3.0m 32mm x 3.0m	4
50 Ω m	Upto 10 KVA	14 A	14.2mm dia x 1.5m long	3
	15 KVA	21 A	14.2mm x 1.5m long	3
	15 KVA to 63 KVA	88 A	17.2mm x 1.5m	3
	63 to 82.5 KVA	115 A	17.2mm x 2.0m	3
	100 KVA	140 A	17.2mm x 2.5m	3
	125 KVA	175 A	25.0mm x 2.5m	3
	160 KVA	224 A	25.0mm x 3.0m	3
	200 KVA	280 A	32.0mm x 3.0m	3
	250 KVA	350 A	32.0mm x 3.0m	4
70 Ω m	Upto 10 KVA	14 A	14.2mm dia x 1.5m long	3
	15 KVA	21 A	14.2mm x 1.5m long	3

	15 KVA to 63 KVA	88 A	17.2mm x 2.0m	3
	63 to 82.5 KVA	115 A	17.2mm x 2.5m	3
	100 KVA	140 A	20.0mm x 2.5m	3
	125 KVA	175 A	25.0mm x 2.5m	3
	160 KVA	224 A	25.0mm x 3.0m	3
	200 KVA	280 A	32.0mm x 3.0m	3
	250 KVA	350 A	32.0mm x 3.0m	4
100 Ω m	Upto 10 KVA	14 A	14.0mm dia x 1.5m long	3
	15 KVA	21 A	14.0mm x 1.5m long Or 14.0mm x 2.0m long	3
	15 KVA to 63 KVA	88 A	17.2mm x 2.0m	3
	63 to 82.5 KVA	115 A	20.0mm x 2.5m	3
	100 KVA	140 A	20.0mm x 3.0m Or 25.0mm x 2.5m	3
	125 KVA	175 A	25.0mm x 3.0m	3

	160 KVA	224 A	25.0mm x 3.0m	4
	200 KVA	280 A	25.0mm x 3.0m Or 32.0mm x 3.0m	5 4
	250 KVA	350 A	25.0mm x 3.0m Or 32mm x 3.0m	6 5