

## ANNRENTEK AC AND DC CHARGING CONNECTOR

Standrad	Model	Rated current	Operation voltage	Insulation resistance	Terminal temperatre rise	Withstand Voltage	Contact Resistance	Cable specification
GB/T (AC)	e27.NV2Z-ARI-EV10P	10A	250V or 440V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 2.5mm <sup>2</sup>
	e27.NV2Z-ARI-EV16P	16A	250V or 440V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 2.5mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.NV2Z-ARI-EV32P	32A	250V or 440V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 6mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.NV2C-ARI-EV10P	10A	250V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 2.5mm <sup>2</sup>
	e27.NV2C-ARI-EV16P	16A	250V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 2.5mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.NV2C-ARI-EV32P	32A	250V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 6mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.NV3Z-ARI-EV10P	10A	250V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 2.5mm <sup>2</sup>
	e27.NV3Z-ARI-EV16P	16A	250V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 2.5mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.NV3Z-ARI-EV32P	32A	250V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 6mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.NV3Z-ARI-GEL-EV16S	16A	250V or 440V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 2.5mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.NV3Z-ARI-GEL-EV32S	32A	250V or 440V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 6mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.NV3S-ARI-EV10P	10A	250V or 440V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 2.5mm <sup>2</sup>
	e27.NV3S-ARI-EV16P	16A	250V or 440V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 2.5mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.NV3S-ARI-EV32P	32A	250V or 440V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 6mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.NV3C-ARI-G-	16A	250V or 440V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 2.5mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.NV3C-ARI-G-	32A/Single phase	250V or 440V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 6mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.NV3C-ARI-G-	32A/Three phase	250V or 440V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	5 X 6mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.NV4Z-ARI-EV32P	32A	250V or 440V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	5 X 6mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.NV4Z-ARI-EV63P	63A/Single phase	250V or 440V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 16mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.NV4Z-ARI-EV63P	63A/Three phase	250V or 440V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	5 X 16mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.NV4Z-ARI-EV16S	16A	250V or 440V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 2.5mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.NV4Z-ARI-EV32S	32A/Single phase	250V or 440V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 6mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.NV4Z-ARI-EV32S	32A/Three phase	250V or 440V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	5 X 6mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.NV4Z-ARI-EV63S	63A/Single phase	250V or 440V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 16mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.NV4Z-ARI-EV63S	63A/Three phase	250V or 440V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	5 X 16mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.NV4C-ARI-EV32P	32A/Three phase	250V or 440V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	5 X 6mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.NV4C-ARI-EV63P	63A/Single phase	250V or 440V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 16mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.NV4C-ARI-EV63P	63A/Three phase	250V or 440V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	5 X 16mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.NV4C-ARI-EV16S	16A	250V or 440V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 2.5mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.NV4C-ARI-EV32S	32A/Single phase	250V or 440V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 6mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.NV4C-ARI-EV32S	32A/Three phase	250V or 440V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	5 X 6mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.NV4C-ARI-EV63S	63A/Single phase	250V or 440V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 16mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.NV4C-ARI-EV63S	63A/Three phase	250V or 440V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	5 X 16mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.V5Z-ARI-EV16P	16A	250V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 2.5mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.V5Z-ARI-EV32P	32A	250V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 6mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.V5C-ARI-EV16P	16A	250V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 2.5mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.V5C-ARI-EV32P	32A	250V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 6mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.NV6Z-ARI-EV16P	16A	250V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 2.5mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.NV6Z-ARI-EV32P	32A	250V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 6mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>

## ANNRENTEK AC AND DC CHARGING CONNECTOR

Standrad	Model	Rated current	Operation voltage	Insulation resistance	Terminal temperatre rise	Withstand Voltage	Contact Resistance	Cable specification
	e27.NV6C-ARI-EV16P	16A	250V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 2.5mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.NV6C-ARI-EV32P	32A	250V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 6mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
GB/T (DC)	e27.NV3-ARD-EV80P	80A	750V	>2000MΩ(DC1000V)	<50K	5000V	0.5mΩ Max	3 X 16mm <sup>2</sup> + 2 X 4mm <sup>2</sup> + 2P(4 X 0.75mm <sup>2</sup> )+ 2P(2 X 0.75mm <sup>2</sup> )
	e27.NV3-ARD-EV125P	125A	750V	>2000MΩ(DC1000V)	<50K	5000V	0.5mΩ Max	2 X 35mm <sup>2</sup> + 1 X 16mm <sup>2</sup> + 2 X 4mm <sup>2</sup> + 2P(4 X 0.75mm <sup>2</sup> ) + 2P(2 X 0.75mm <sup>2</sup> )
	e27.NV3-ARD-EV200P	200A	750V	>2000MΩ(DC1000V)	<50K	5000V	0.5mΩ Max	2 X 70mm <sup>2</sup> + 1 X 25mm <sup>2</sup> + 2 X 4mm <sup>2</sup> + 2P(4 X 0.75mm <sup>2</sup> ) + 2P(2 X 0.75mm <sup>2</sup> )
	e27.NV3-ARD-EV250P	250A	750V	>2000MΩ(DC1000V)	<50K	5000V	0.5mΩ Max	2 X 80mm <sup>2</sup> + 1 X 25mm <sup>2</sup> + 2 X 4mm <sup>2</sup> + 2P(4 X 0.75mm <sup>2</sup> ) + 2P(2 X 0.75mm <sup>2</sup> )
	e27.NV2-ARD-G-EV80S	80A	750V	>2000MΩ(DC1000V)	<50K	5000V	0.5mΩ Max	3 X 16mm <sup>2</sup> + 2 X 2.5mm <sup>2</sup> + 4 X 0.75mm <sup>2</sup>
	e27.NV2-ARD-G-EV125S	125A	750V	>2000MΩ(DC1000V)	<50K	5000V	0.5mΩ Max	2 X 35mm <sup>2</sup> + 1 X 16mm <sup>2</sup> + 2 X 2.5mm <sup>2</sup> + 6 X 0.75mm <sup>2</sup>
	e27.NV2-ARD-G-EV200S	200A	750V	>2000MΩ(DC1000V)	<50K	5000V	0.5mΩ Max	2 X 70mm <sup>2</sup> + 1 X 25mm <sup>2</sup> + 2 X 2.5mm <sup>2</sup> + 4 X 0.75mm <sup>2</sup>
	e27.NV2-ARD-G-EV250S	250A	750V	>2000MΩ(DC1000V)	<50K	5000V	0.5mΩ Max	2 X 80mm <sup>2</sup> + 1 X 25mm <sup>2</sup> + 2 X 2.5mm <sup>2</sup> + 4 X 0.75mm <sup>2</sup>
	e27.ARIEC2b-EV16P	16A/Single phase	250/415V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 2.5mm <sup>2</sup> + 2 X 0.5mm <sup>2</sup>
	e27.ARIEC2b-EV16P	16A/Three phase	250/415V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	5 X 2.5mm <sup>2</sup> + 2 X 0.5mm <sup>2</sup>
	e27.ARIEC2b-EV32P	32A/Single phase	250/415V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 6mm <sup>2</sup> + 2 X 0.5mm <sup>2</sup>
	e27.ARIEC2b-EV32P	32A/Three phase	250/415V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	5 X 6mm <sup>2</sup> + 2 X 0.5mm <sup>2</sup>
	e27.ARIEC2a-EV16S	16A/Single phase	250/415V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 2.5mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.ARIEC2a-EV16S	16A/Three phase	250/415V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	5 X 2.5mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.ARIEC2a-EV32S	32A/Single phase	250/415V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 6mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.ARIEC2a-EV32S	32A/Three phase	250/415V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	5 X 6mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.ARIEC2e-EV16P	16A/Single phase	250/415V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 2.5mm <sup>2</sup> + 2 X 0.5mm <sup>2</sup>
	e27.ARIEC2e-EV16P	16A/Three phase	250/415V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	5 X 2.5mm <sup>2</sup> + 2 X 0.5mm <sup>2</sup>
	e27.ARIEC2e-EV32P	32A/Single phase	250/415V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 6mm <sup>2</sup> + 2 X 0.5mm <sup>2</sup>
	e27.ARIEC2e-EV32P	32A/Three phase	250/415V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	5 X 6mm <sup>2</sup> + 2 X 0.5mm <sup>2</sup>
	e27.V2-ARIEC2a-G-EV16S	16A/Single phase	250/415V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 2.5mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.V2-ARIEC2a-G-EV16S	16A/Three phase	250/415V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	5 X 2.5mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
e27.V2-ARIEC2a-G-EV32S	32A/Single phase	250/415V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 6mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>	

## ANNRENTEK AC AND DC CHARGING CONNECTOR

Standrad	Model	Rated current	Operation voltage	Insulation resistance	Terminal temperatre rise	Withstand Voltage	Contact Resistance	Cable specification
IEC(AC)	e27.V2-ARIEC2a-G-EV32S	32A/Three phase	250/415V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	5 X 6mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.V3-ARIEC2e-	32A/Three phase	415V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	5 X 6mm <sup>2</sup> + 2 X 0.5mm <sup>2</sup>
	e27.V3-ARIEC2e-	63A/Three phase	415V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	5 X 16mm <sup>2</sup> + 5 X 0.75mm <sup>2</sup>
	e27.ARIEC2f-EV16S	16A/Single phase	250/415V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 2.5mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.ARIEC2f-EV16S	16A/Three phase	250/415V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	5 X 2.5mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.ARIEC2f-EV32S	32A/Single phase	250/415V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 6mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.ARIEC2f-EV32S	32A/Three phase	250/415V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	5 X 6mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.V4-ARIEC2b-	16A/Single phase	250/415V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 2.5mm <sup>2</sup> + 2 X 0.5mm <sup>2</sup>
	e27.V4-ARIEC2b-	16A/Three phase	250/415V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	5 X 2.5mm <sup>2</sup> + 2 X 0.5mm <sup>2</sup>
	e27.V4-ARIEC2b-	32A/Single phase	250/415V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 6mm <sup>2</sup> + 2 X 0.5mm <sup>2</sup>
	e27.V4-ARIEC2e-	16A/Single phase	250/415V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 2.5mm <sup>2</sup> + 2 X 0.5mm <sup>2</sup>
	e27.V4-ARIEC2e-	16A/Three phase	250/415V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	5 X 2.5mm <sup>2</sup> + 2 X 0.5mm <sup>2</sup>
	e27.V4-ARIEC2e-	32A/Single phase	250/415V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 6mm <sup>2</sup> + 2 X 0.5mm <sup>2</sup>
	e27.V4-ARIEC2e-	32A/Three phase	250/415V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	5 X 6mm <sup>2</sup> + 2 X 0.5mm <sup>2</sup>
	e27.ARIEC3m-EV150P	150A	1000V DC	>2000MΩ(DC1000V)	<50K	3200V	0.5mΩ Max	5 X 50mm <sup>2</sup> + 1 X 25mm <sup>2</sup> + 6 X 0.75mm <sup>2</sup>
	e27.ARIEC3m-EV150S	DC input: 150A 1000V DC MAX	AC input:16A 32A 63A 240/415V AC MAX	>2000MΩ(DC1000V)	<50K	3200V	0.5mΩ Max	2 X 50mm <sup>2</sup> + 1 X 25mm <sup>2</sup> + 6 X 0.75mm <sup>2</sup>
e27.ARIEC3J-EV150P	150A	600V DC	>2000MΩ(DC1000V)	<50K	3200V	0.5mΩ Max	2 X 50mm <sup>2</sup> + 1 X 6mm <sup>2</sup> + 6 X 0.75mm <sup>2</sup>	
e27.ARIEC3J-EV150S	150A	AC input:63A 240/415V AC MAX	>2000MΩ(DC1000V)	<50K	3200V	0.5mΩ Max	2 X 50mm <sup>2</sup> + 2 X 16mm <sup>2</sup> + 2 X 0.5mm <sup>2</sup>	
e27.ARIEC3J-EV150S	10A		>2000MΩ(DC1000V)	<50K	3200V	0.5mΩ Max	2 X 50mm <sup>2</sup> + 2 X 3mm <sup>2</sup> + 2 X 0.5mm <sup>2</sup>	
e27.ARIEC3J-EV150S	32A		>2000MΩ(DC1000V)	<50K	3200V	0.5mΩ Max	2 X 50mm <sup>2</sup> + 2 X 6mm <sup>2</sup> + 2 X 0.5mm <sup>2</sup>	
e27.ARIEC3J-EV150S	63A		>2000MΩ(DC1000V)	<50K	3200V	0.5mΩ Max	2 X 50mm <sup>2</sup> + 2 X 16mm <sup>2</sup> + 2 X 0.5mm <sup>2</sup>	
SAE(AC)	e27.V3-ARS-EV16P	16A	240V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 2.5mm <sup>2</sup> + 2 X 0.5mm <sup>2</sup> / 3 X 14AWG + 1 X 18AWG
	e27.V3-ARS-EV32P	32A	240V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 6mm <sup>2</sup> + 2 X 0.5mm <sup>2</sup> / 3 X 10AWG + 1 X 18AWG
	e27.V3-ARS-EV40P	40A	240V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	2 X 8AWG + 1 X 10AWG + 1 X 16AWG
	e27.V3-ARS-EV50P	50A	240V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	2 X 8AWG + 1 X 10AWG + 1 X 16AWG
	e27.V3-ARS-G-EV16S	16A	240V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 2.5mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	e27.V3-ARS-G-EV32S	32A	240V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 6mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>

ANNRENTEK AC AND DC CHARGING CONNECTOR

Standrad	Model	Rated current	Operation voltage	Insulation resistance	Terminal temperatre rise	Withstand Voltage	Contact Resistance	Cable specification
	e27.V3-ARS-G-EV40S	40A	240V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	2 X 8AWG + 1 X 10AWG + 1 X 16AWG
	e27.V3-ARS-G-EV50S	50A	240V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	2 X 8AWG + 1 X 10AWG + 1 X 16AWG
	e27.V5-ARS-EV16P	16A	240V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 2.5mm <sup>2</sup> + 2 X 0.5mm <sup>2</sup> / 3 X 14AWG + 1 X 18AWG
	e27.V5-ARS-EV32P	32A	240V	>1000MΩ(DC500V)	<50K	2000V	0.5mΩ Max	3 X 6mm <sup>2</sup> + 2 X 0.5mm <sup>2</sup> / 3 X 10AWG + 1 X 18AWG