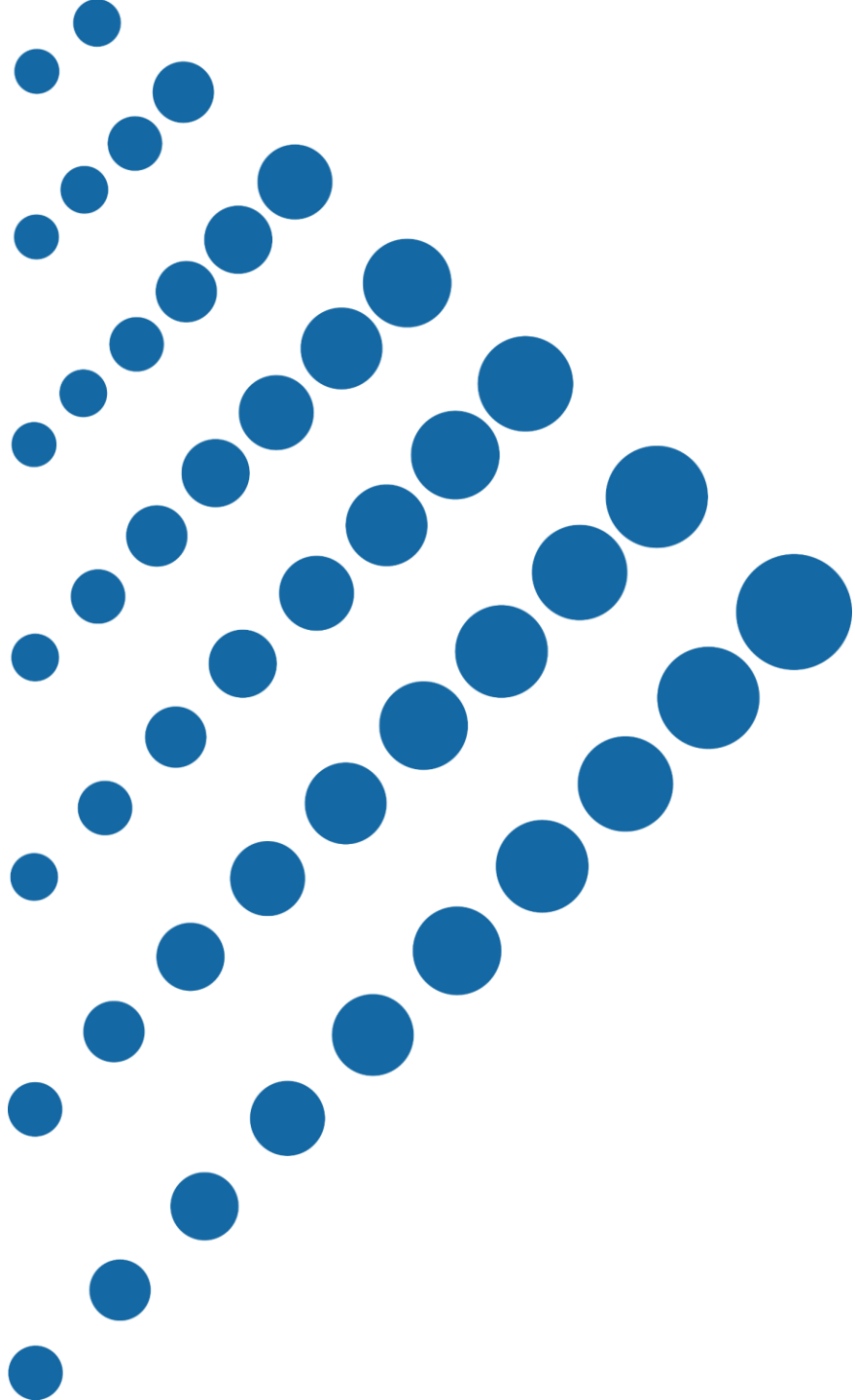




Aimtec's EV Chargers

EV Charging Overview

Mode 2
AC Charging Box



Mode 3
AC Charging Station



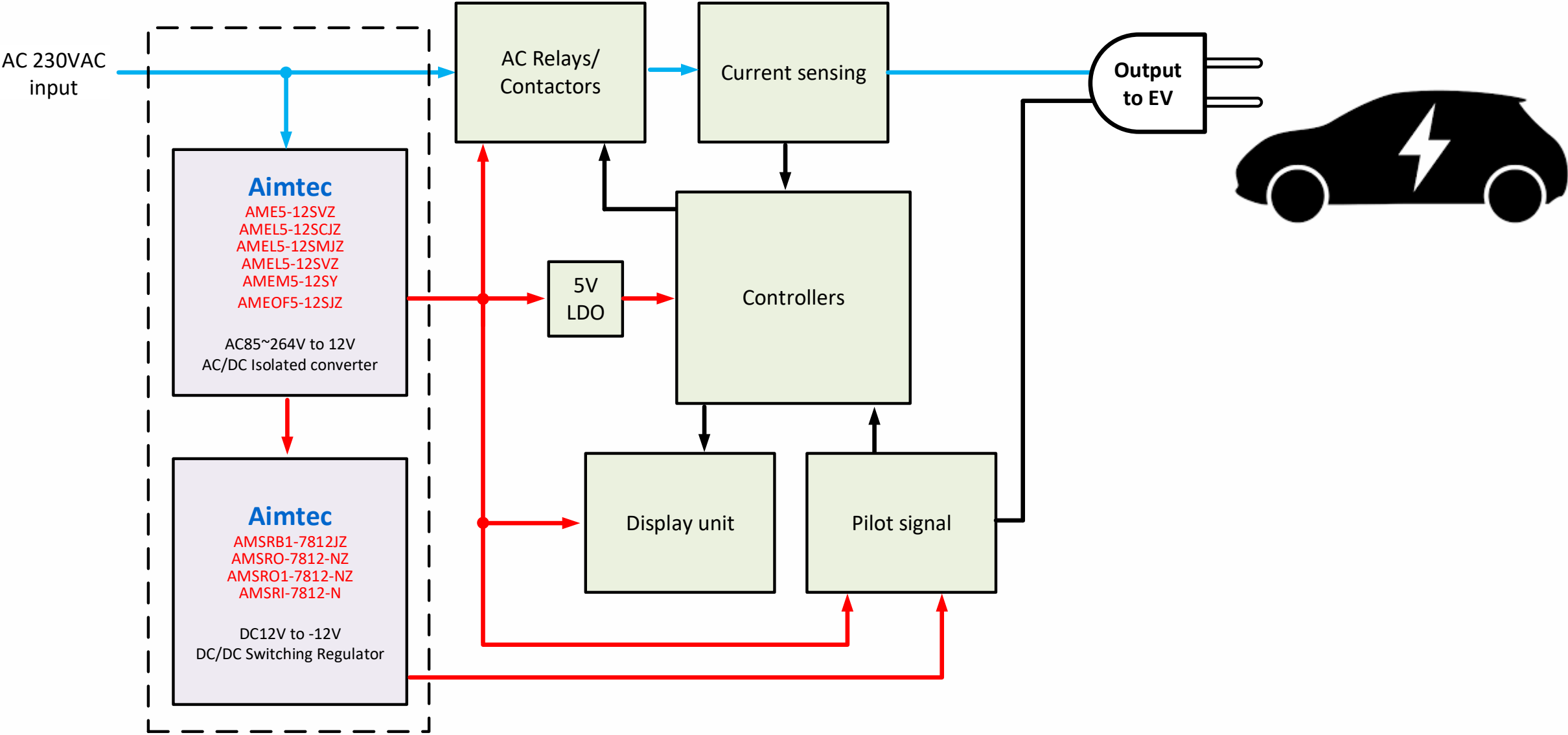
Mode 4
DC Charging Station



AC EV Charging Box



AC EV Charging Box



AC EV Charging Box

AC/DC Converters

Series	Power	Input	Output	Operating Temperature (°C)	Isolation	Dimensions	Features	Safety
AME5-VZ	5	85-264	3.3, 5, 9, 12, 15, 24	-40 to +85	4k	1.9 x 1.4"	OCP, OVP, CSP	UL
AMEL5-CJZ	5	85-264	3.3, 5, 9, 12, 15, 24	-25 to +70	4k	2 x 1"	OCP, OVP, CSP	UL
AMEL5-MJZ	5	85-264	5, 12, 15, 24	-25 to +70	4k	2.12 x 1.13"	OCP, OVP, CSP	UL
AMEL5-VZ	5	85-264	3.3, 5, 9, 12, 15, 24	-40 to +70	4k	1.46 x 0.96"	OCP, OVP, CSP	UL
AMEM5-Y	5	85-264	3.3, 5, 9, 12, 15, 24, 36, 48	-25 to +70	4k	1 x 1"	OCP, OVP, CSP	CE, UL
AMEOF5-BJZ	5	90-528	3.3, 9, 12, 15, 24	-40 to +85	4K	Open Frame SIP	OCP, CSP	CE, UL



Switching Regulators

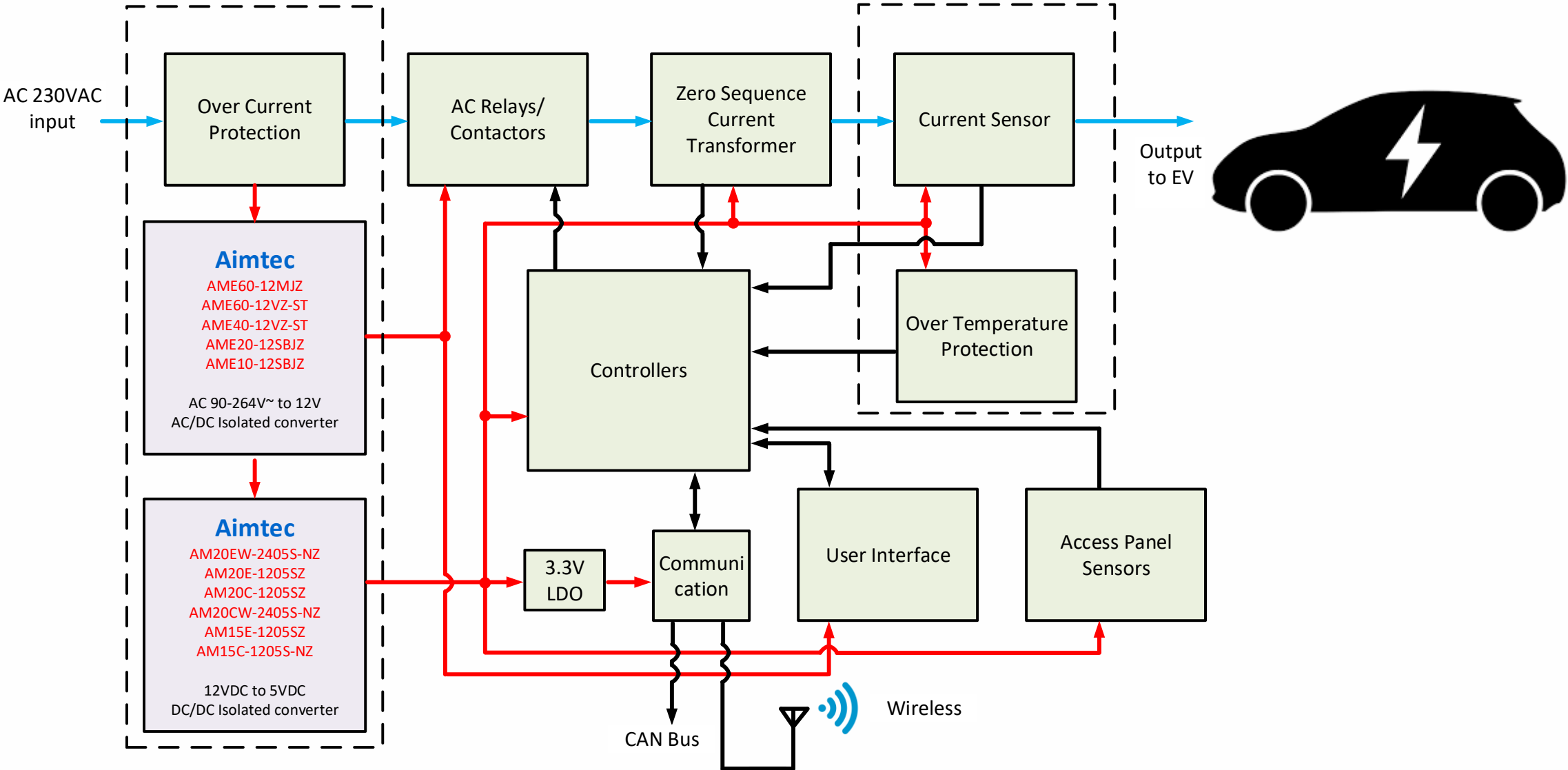
Series	Current	Input	Output	Operating Temperature (°C)	Dimensions	Features	Safety
AMSRB1-78JZ	Up to 1A	6-36	3.3, ±5, 9, ±12, ±15	-40 to +85	SIP3	CSP	-
AMSRO-78-NZ	Up to 0.5A	4.75-36	3.3, ±5, ±12, ±15	-40 to +85	SIP3	CSP	UL
AMSRO1-78-NZ	Up to 1A	6-36	3.3, ±5, ±12, ±15	-40 to +85	SIP3	CSP	UL
AMSRI-78-NZ	Up to 1A	6-36	3.3, ±5, 9, ±12, ±15	-40 to +85	SIP3	CSP	UL



AC EV Charging Station



AC EV Charging Station



AC EV Charging Box

AC/DC Converters

Series	Power	Input	Output	Operating Temperature (°C)	Isolation	Dimensions	Features	Safety
AMEC30-MAZ	30	90-264	3.3, 5, 12, 15, 24	-40 to +85	4k	Enclosed 4.92 x 2.56"	OCP, OVP, CSP	CE, UL, CB
AMES30-MAZ	30	90-264	3.3, 5, 12, 15, 24	-40 to +85	4k	Enclosed 4.92 x 2.56"	OCP, OVP, CSP	CE, UL, CB
AMEC40-MAZ	40	90-264	3.3, 5, 12, 15, 24	-40 to +85	4k	Enclosed 4.92 x 2.56"	OCP, OVP, CSP	CE, UL, CB
AMES40-MAZ	40	90-264	3.3, 5, 12, 15, 24	-40 to +85	4k	Enclosed 4.92 x 2.56"	OCP, OVP, CSP	CE, UL, CB
AME40-VZ	40	85-264	3.3, 5, 9, 12, 15, 24, 48	-40 to +70	4k	3.5 x 2.5"	OCP, OVP, CSP	CE
AME60-VZ	60	85-264	5, 9, 12, 15, 24, 48	-40 to +70	4k	4.29 x 2.3"	OCP, OVP, CSP	CE
AME60-MJZ	60	90-264	5, 9, 12, 15, 24, 48	-40 to +70	4k	4.3 x 2.3"	OCP, OVP, CSP	CE, UL



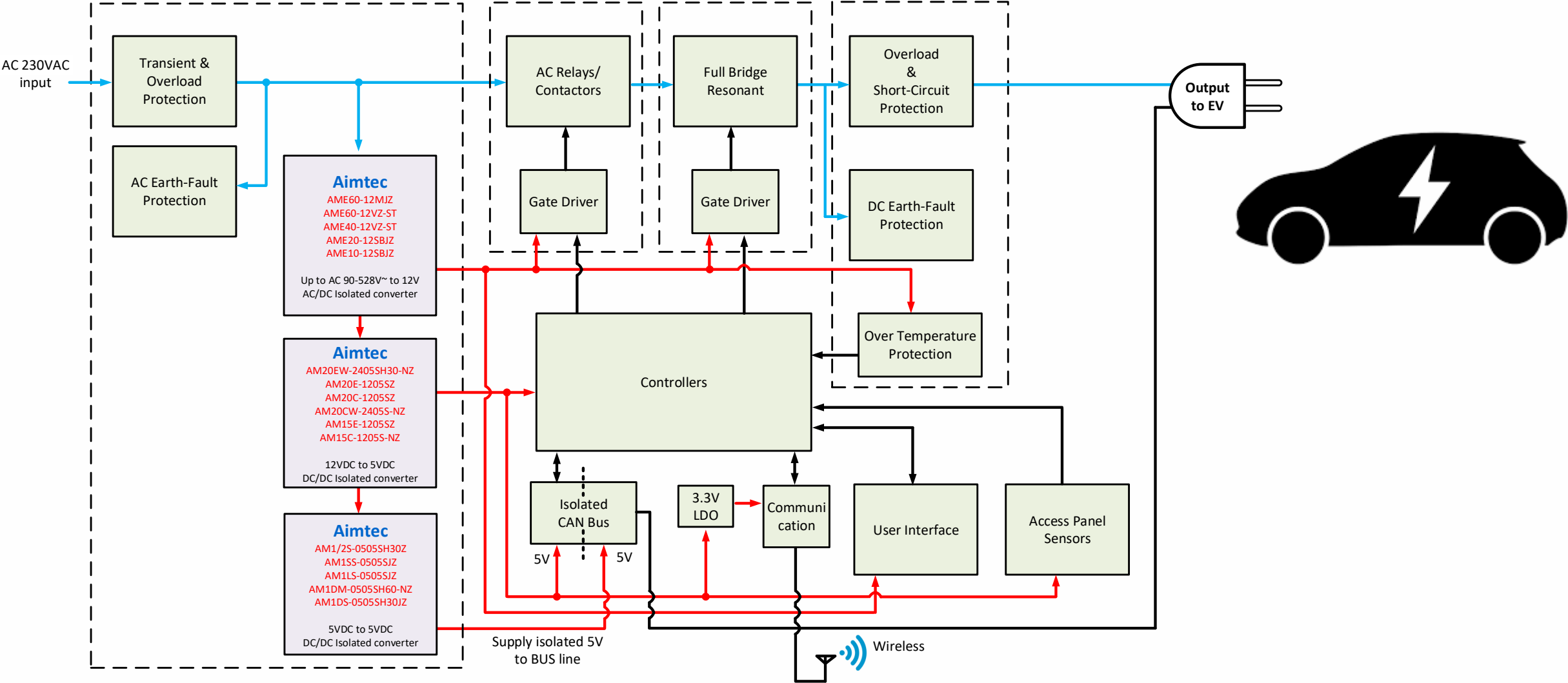
DC/DC Converters

Series	Current	Input	Output	Operating Temperature (°C)	Isolation	Dimensions	Features	Safety
AM20E-Z	2	9-75	3.3, 5, 12, 15, ± 12 , ± 15	-40 to +85	1.6K	2 x 1"	OCP, OVP, CSP	CE
AM20C-Z	20	9-75	3.3, 5, 12, 15, ± 12 , ± 15	-40 to +75	1.6K	1 x 1"	OCP, OVP, CSP	CE
AM20CW-NZ	20	9-75	3.3, 5, 12, 15, 24, ± 5 , ± 12 , ± 15 , ± 24	-40 to +95	1.5K	1 x 1"	OCP, OVP, CSP	CE
AM15E-Z	15	9-72	3.3, 5, 7.2, 9, 12, 15, 18, 24, ± 3.3 , ± 5 , ± 7.2 , ± 9 , ± 12 , ± 15 , ± 18 , ± 24	-40 to +85	1.5K	2 x 1"	CSP	CE, UL
AM15C-NZ	15	9-75	3.3, 5, 12, 15, 24, ± 5 , ± 12 , ± 15 , ± 24	-40 to +95	1.5K	1 x 1"	OCP, OVP, CSP	CE, UL

DC EV Charging Station



DC EV Charging Station



DC EV Charging Box

DC/DC Converters

Series	Power	Input	Output	Operating Temperature (°C)	Isolation	Case	Features	Safety
AM1/2S-Z	0.5	2.97-52.8	3.3, 5, 7.2, 9, 12, 15, 18, 24	-40 to +85	1K or 3K	SIP4	MSP	CE
AM1DM-NZ AM2DM-NZ	1 & 2	3-26.4	5, 9, 12, 15, ±5, ±9, ±12, ±15	-40 to +85	6K	SIP7	MSP	CE, UL
AM1DE-Z	1	4.6-26.4	5, 12, 15, ±5, ±12, ±15	-40 to +105	1.5K or 3K	SIP7	CSP	CE
AM1DS-Z	1	4.5-26.4	5, 7.2, 9, 12, 15, 18, 24, ±5, ±7.2, ±9, ±12, ±15	-40 to +85	1K-6K	SIP7	CSP	



AC/DC Converters 90-528VAC

Series	Power	Input	Output	Operating Temperature (°C)	Isolation	Dimensions	Features	Safety
AME3-BJZ	3	90-528	3.3, 5, 9, 12, 15, 24	-40 to +80	3k	2 x 1	CSP	CE, UL
AME10-BJZ	10	90-528	3.3, 5, 9, 12, 15, 24	-40 to +70	4k	2.44 x 1.77	CSP	CE
AME20-BJZ	20	90-528	3.3, 5, 9, 12, 15, 24	-40 to +70	4k	2.76 x 1.89	CSP	CE