

Power Supplies for Vehicles & Transportation



WHERE ARE POWER SUPPLIES INSTALLED IN VEHICLE & TRANSPORTATION APPLICATIONS?

RAILWAY	AGRICULTURE	EV	CONSTRUCTION	BUSES
<ul style="list-style-type: none"> • Trackside Infrastructure • Signaling • Displays • Crossing Control 	<ul style="list-style-type: none"> • Tractors • Weighing Systems • Irrigation Systems • Sorting Machines • Milking Machines 	<ul style="list-style-type: none"> • On Board Chargers • Plug-In Electric Vehicles • Home and DC Charging Stations 	<ul style="list-style-type: none"> • Vehicles • Cranes • Cement Mixer • Slurry Pumps • Stone Crushers 	<ul style="list-style-type: none"> • Components and Systems • Control Modules and Relays • Electric Buses

SAFETY STANDARDS FOR VEHICLE & TRANSPORTATION

RAILWAY

- EN50121
- EN50124
- EN50125
- EN50155
- EN50163
- RIA
- NFA01-510
- VDE

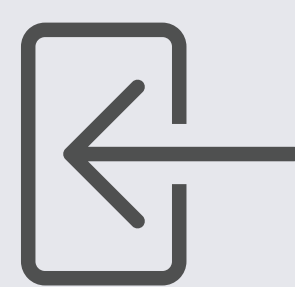
EV

- EN 61851-1 (AC Chargers)
- IEC 61851-3 (On Board Chargers for E Scooters)
- EN 61851-23 (EV DC Chargers)
- ISO 6469, ISO/IEC 27000, IEC 60346-7-722, SAE J1766, ISO 17409, IEC 61140, IEC 62040, IEC 60529

AGRICULTURE

- UL 1004-1 (Rotating Electrical Machines)
- UL 1004-3 (Thermally Protected Motors)
- C22.2, No. 100 (Motors and Generators Canada)
- CE Low Voltage Directive 2006/95/EC
- CE Machinery Directive 2006/42/EC

GENERAL POWER SUPPLY REQUIREMENTS FOR VEHICLE & TRANSPORTATION APPLICATIONS



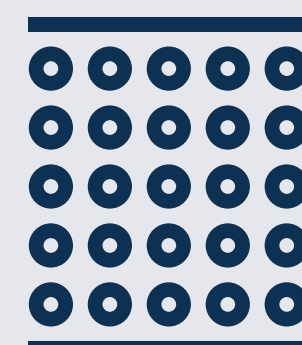
WIDE INPUT VOLTAGE RANGE



INPUT LOW VOLTAGE PROTECTION



WEATHER PROOFING



HIGH POWER DENSITY



HIGH RELIABILITY



HIGH EFFICIENCY



ENCAPSULATED OR SHIELDED PACKAGING FOR CONDUCTIVE COOLING