

VIPER HV CONVERTERS



Performance, robustness and reliability
with 10-year longevity



Ensuring stable and continuous supply to customers through a commitment to long-term partnership

STMicroelectronics has certified several VIPer high-voltage converter part numbers for the 10-year longevity commitment program.

This program allows customers to safeguard their design investments by ensuring that selected devices are available for a minimum of 10 years from the notification date.

For more information about ST's longevity commitment program and the list of our certified VIPer products, visit:

www.st.com/longevity

KEY APPLICATIONS

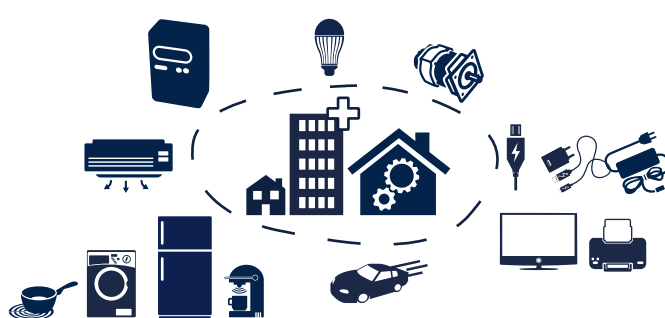
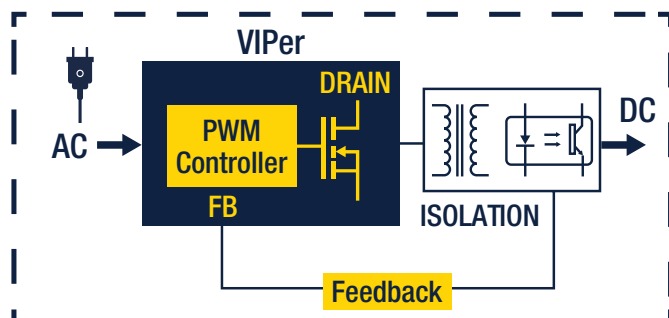
SMPS for:

- E-meters
- Home appliances
- Building and home control
- Industrial
- Consumers
- Lighting
- Motion control



Supported topologies

- Flyback isolated PSR and SSR
- Flyback non isolated
- Buck
- Buck-boost



List of VIPer products 10 years longevity program

Series	HV Converter	V_{BDSS} [V]	Max $R_{DS(on)}$ [Ω]	I_{DLIM} [mA]	Power [W]
VIPer series 1 Low VCC voltage	VIPer01/01B	800	30	120/240/360	4.5
	VIPer11	800	17	370/480/590	7
	VIPer31	800	3.5	710/850/990	19
VIPer series 22 Minimal BoM	VIPer122	730	27	450	6
	VIPer222	730	15	620	8
VIPer series 6 Smart features	VIPer06	800	32	350	5
	VIPer16	800	24	400	6
	VIPer26	800	7	700	12
	VIPer26K	1050	7	700	12
VIPer series 7 Brown-out	VIPer17	800	24	400	6
	VIPer27	800	7	700	12

Note: This list is not exhaustive since more products can be added, please visit www.st.com/longevity for the updated list.

For more information, please visit www.st.com/high-voltage-ac-dc-converters



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