

Benefits

- ❖ better protection against deep discharge
- ❖ completely maintenance-free due to the use of a labyrinth cover
- ❖ 30% more charge cycles in contrast to conventional batteries
- ❖ integrated flame block
- ❖ minimal self-discharge thanks to silver technology
- ❖ extreme vibration resistant according to V3 standard
- ❖ fulfilment of all OE standards for high power applications in modern commercial vehicles
- ❖ ready for mounting and ready to go



SILBERCALCIUM
technologie



SHD Silver+ Trio

Specially developed for heavy duty vehicles with many special requirements and usage. This SHD battery is the right solution for commercial vehicles, buses and coaches, construction machinery and agricultural equipment. Reduced downtime and a longer service life guarantee a very good price-performance ratio. Similarly, our innovative and totally maintenance-free Panther Silver SHD offers an above-average cycle resistance.
MADE IN GERMANY!

Details

ETN NUMBER	LINE	VOLTAGE VOLT	CAPACITY AH	CCA A/EN	LENGTH MM	WIDTH MM	HEIGHT MM	CIRCUIT	CONNECTOR TERMINALS	HOLD-DOWN	WEIGHT KG	UNITS PER PALLET
650 1 11 080	SHD 150	12	150	800	513	189	223	3	1	800	36.0	24
690 1 11 100	SHD 190	12	190	1000	513	223	223	3	1	800	45.0	21
740 1 11 120	SHD 240	12	240	1200	518	276	242	3	1	800	58.0	12

Graphic explanations for battery connectors, circuits and floor strips can be found on the pages 89 to 94



Full Frame Energy Novel grid technology

The **FFE** technology is the key to a higher performance, greater reliability and a longer lifespan. The **FFE** grid has a unique active structure in order to prevent corrosion and crucially improve the flow of energy. Full Frame Energy (**FFE**) increases performance and prevents premature battery failure.



Properties

Product range	SHD	Charging voltage	release for charging voltage to 14.8 V
Technology	silver calcium technology	Technology	SHD / Super · Heavy · Duty
Finish	filled and charged	Cold start performance	800 A/EN up to 1200 A/EN
Quality	High-end / OE	Usage	commercial vehicles, buses, tractors, agricultural machinery

