

SMD STANDARD SERIES



The **Standard SMD Standard Series** is designed for maximum flexibility.

These **high-performance SMD** buzzers deliver reliable and clear sound output in a durable, space-saving design. The PCB mounting creates a more compact enclosure design and maximizes the use of available space.

Thanks to advanced cup technology, the sound components achieve high-pressure sound performance with excellent robustness and long-term reliability.

Designed for applications in industrial, automotive, and consumer electronics. These SMD solutions ensure efficiency and robust performance in the most demanding environments.

ADVANTAGES & APPLICATIONS

ADVANTAGES :

- SMD mounting
- Solid state shock proof buzzer
- Life time > 2000 hours
- Low power consumption
- Small dimensions
- Light but solid construction
- IP67 Dust and waterproof
- Temperature range -40°C to +85°C

APPLICATIONS :



Medical Equipment & instrumentation



Automotive



Industrial



Trains & Metro



Measuring & weighing equipment



Instrumentation & control systems



Agricultural



Aviation

Product Family

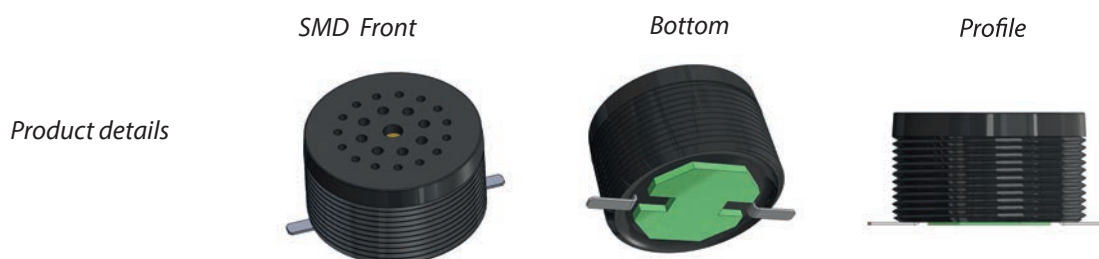
- Armor 2.35 
- Titan 80 
- Voltan 7C 
- Pulse X27 
- Atlas 80I 



Built for Performance. Designed with Character.

The **SMD Standard Series** combines strong acoustic performance and **compact PCB integration**. All models are suitable for **Surface-Mounted Device (SMD) assembly environments**, while higher sound output variants are optimized for robust industrial and control-system applications. The portfolio supports a broad range of electronic designs across a wide range of applications.

Armor 2.35 	The silent guardian that only speaks when it matters!
Pulse X27 	Compact in size, but with the attitude of an emergency siren.
Titan 80 	The reliable powerhouse that stands ready day and night.
Atlas 80I 	Built like a tank, heard like a warning you can't ignore.
Voltan 7C 	The smart workhorse that keeps its cool under pressure and designed for battery use 12Vdc and 24Vdc.



SPECIFICATIONS



*All measurements are average, made @12Vdc @1meter in free air @21 °C

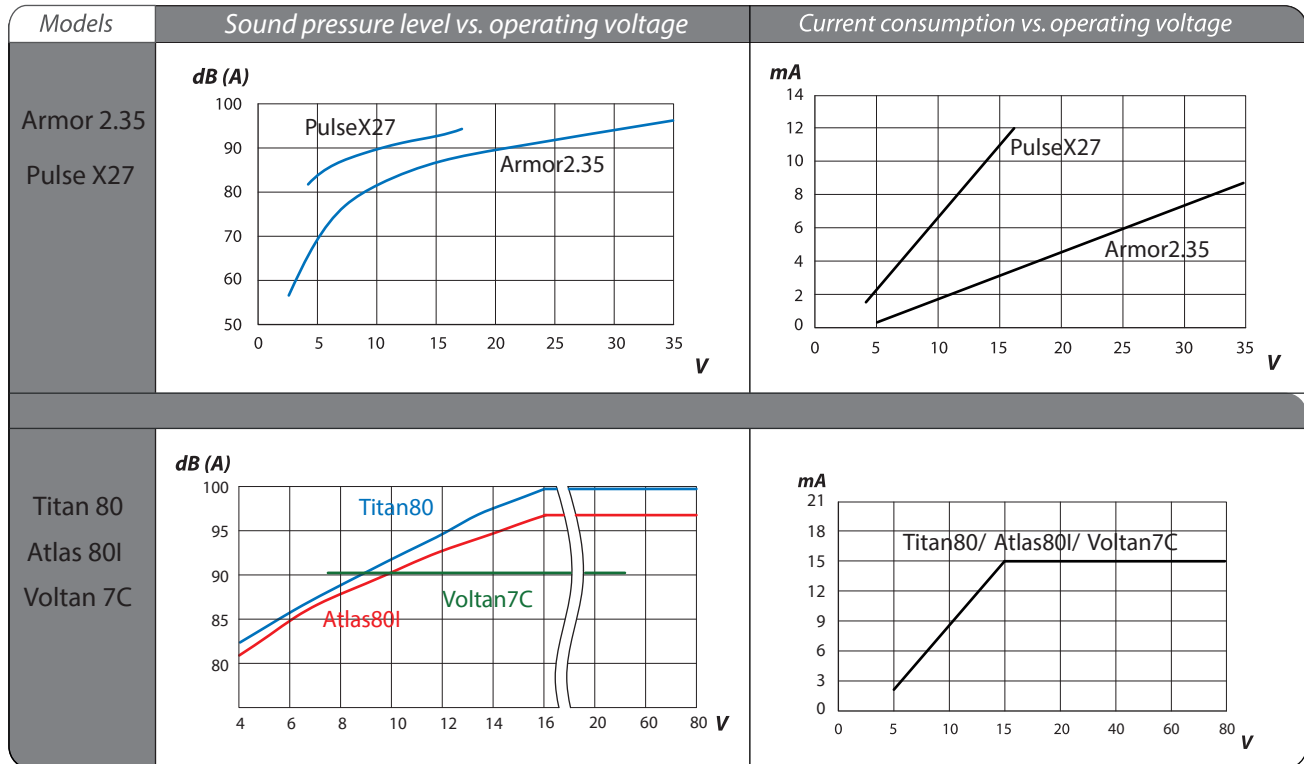
Model	Function	Operating Voltage (Vdc)		Frequency (Hz) ± 15%	Pulse rate (Hz)	Operating Current (mA)		Sound Pressure Level (dB - A) +/-4dB @1m@12Vdc*
		min. Vdc	max. Vdc			min. mA	max. mA	
Armor 2.35	Contin.	2	35	3500	-	0.4	35	87
Pulse X27	Contin.	4	16	3500	-	1.6	12	94
Titan 80	Contin.	5	80	3500	-	-	20	95
Atlas 80I	Intermit.	5	80	3500	5	-	20	94

Model	Function	Activation Trigger-on	Frequency +/- 15% (Hz)	Max Vdc	Designed for Battery	SPL dB(A) @1m*
Voltan 7C	Contin.	7.5V	2500	40	12Vdc-24Vdc	90

Operating temperature	-40°C to +85°C
Storage temperature	-40°C to +85°C
Life Time (@21°C)	@12Vdc continuous use min. 2000 hours
Case Material	ABS (UL rating: 94HB)
Standard colour of case	Black
Terminal material	Tinned brass SMD terminals

ELECTRICAL PARAMETERS

All measurements are average, made @12Vdc @1meter in free air @21 °C



DIMENSIONS (All dimensions are in mm)

