

## Technical specifications

Model	VS1024A	VS2024A	VS3024A
Nominal system voltage	12/24V auto work		
Rated battery current	10A	20A	30A
Rated load current	10A	20A	30A
Battery input voltage range	9~32V		
Max. PV open circuit voltage	50V		
Equalize charging voltage	Sealed: 14.6V, Flooded: 14.8V		
Boost charging voltage	Gel: 14.2V, Sealed: 14.4V, Flooded: 14.6V		
Float charging voltage	13.8V		
Low voltage reconnect voltage	12.6V		
Low voltage disconnect voltage	11.1V		
Self-consumption	≤8.1mA(12V);≤6.5mA(24V)		
Grounding	Common positive		
Temp. compensation	-3mV/°C/2V		
Working environment temperature	-25°C~+55°C		
Enclosure	IP30		
Overall dimension	132x84.6 x39.7mm	149x94.1x46.1mm	177.5x106.6x46.2mm
Terminals	4mm <sup>2</sup>	16mm <sup>2</sup>	16mm <sup>2</sup>
Net weight	0.18kg	0.26kg	0.33kg

\* Technical data for 12V system at 25°C, twice in 24V system rate.