

Performance data for non-isolated versions

	VC3.8S	VC6.8S	VC10S
Type	Switch mode Non-isolated	Switch mode Non-isolated	Switch mode Non-isolated
Input	15 - 38V DC	15 - 38V DC	15 - 38V DC
Output	13.2V DC	13.2V DC	13.2V DC
Constant current (100% duty cycle)	3.8A	6.8A	10A
Intermittent current (30% duty cycle)	7A	11A	14A
Quiescent current	<15mA	<15mA	<15mA
Oscillator frequency	60KHz	60KHz	60KHz
Transient voltage	Level 3 @ ± 2kV	Level 3 @ ± 2kV	Level 3 @ ± 2kV
Protection	Overload Reverse Polarity Short Circuit Soft-Shutdown	Overload Reverse Polarity Short Circuit Soft-Shutdown	Overload Reverse Polarity Short Circuit Soft-Shutdown
Efficiency (approx)	91%	90%	89%
Connection	4x spade	4x spade	4x spade
Colour	Black/gold	Black/gold	Black/gold
Dimensions (mm)	69 x 74 x 31	79 x 74 x 31	89 x 74 x 31
Weight	138g + fixings	186g + fixings	207g + fixings
Warranty*	Lifetime	Lifetime	Lifetime

* Against manufacturing
defects



Specifications are approximate and are subject to change without prior notification