



## **♦**Feature

- . Constant voltage design;
- . High voltage input;
- . Small size, High efficiency, High reliability, Long lifetime;
- . Ip66 rating;
- . Working temperature -25°C~+50°C;
- . Protection: Over load, Over voltage, Short-circuit protection;
- . Typical efficiency: 91.5%;
- . Start delay design, which can reduce the starting current when multiple simultance start;
- .CE\IP66 certifide, ROHS compliant;
- .Low output ripple noises.

Functional parameter							
Model	Number	VAS-12275D0712	VAS-24300D0712				
Out put	DC Voltage	12V	24V				
	Output range of constant current	1	1				
	Rated current	23A	12.5A				
	Range of the current	0~23A	0~12.5A				
	Rated power	275W	300W				
	Ripples and Noise(max.)	120mVp-p	240mVp-p				
	Voltage tolerance	±4%	±2%				
	Line regulation Load regulation	±1% ±2%	±0.5%				
	The group of output	<u>±2%</u> 3	±2% 2				
	Set up and rise time	2000ms, 50ms (When fully loaded) 230Vac					
	Holding time (Typ.)	15ms (When fully loaded) 230Vac					
In put	Range of Voltage	170~264Vac or 240~374Vdc					
	Range of frequency	47~63Hz					
	Power factor	PF≥0. 95/170Vac (When fully loaded) PF≥0. 90/230Vac (When fully loaded)					
	Efficiency Typ.)	91% 91.5%   90/230 Vac (When fully loaded)					
	AC current	2.15A/170Vac, 1.67A/230Vac					
	Inrush current Typ.)	Cold start:65A/230Vac					
	Leakage current	<0.75mA/240Vac					
	THD						
Protection	Overloading	110% to 135% of the rated output power					
		Protection mode: constant current limiting, recovers automatically after the load reduced.					
	Short circuit	Protection type: Hiccup mode, recovers automatically after fault conditions removed.					
	Overvoltage	13-18V 24.5-35V					
		Protection type: Hiccup mode, recovers automatically after fault conditions removed.					
1	Over temperature	Ta:55°C~65°C					
Environment		Protection mode:Power off the output voltage, after temperature goes down -25°C~+50°C					
	Working temperature	10%~90%RH, No Condensation					
	Working humidity Storage temperature and humidity	-25°C~+75°C, 5%~95%RH					
	Temperature coefficient	±0.05%/°C (0~50°C)					
	Vibration-proof	10-300Hz, 1G 10minutes/cycle, X, Y, Z axis each 60minutes					
	Safety and regulatory	Conform EN61347-1, EN61347-2-13, accord with Ip66 rating.					
Safety and regulatory and EMC	HI-POT	I/P-O/P:3.75KVAC I/P-FG:1.875KVAC O/P-FG:0.5KVAC					
		I/P-O/P, I/P-FG, O/P-FG: 100Mohms/500Vdc 25°C/70%RH					
	EMI	Compliance to EN55015, (CISPR22), EN61000-3-2, EN61000-3-3					
	Harmonic current						
	EMS	Compliance to EN61547, EN61000-4-2,3,4,5,6,8,11					
Others	MTBF	≥200Khrs, MIL-HDBK-217F (25°C)					
	Dimension	275X95X50mm(L*W*H)					
	Package		2.4Kg/PCS; 10PCS/24Kg/box; (380X337X292mm)				
	Wire						
Structure (mm)	Tipput   260±20						
	275±0.2————————————————————————————————————						

We Zhuhai Tauras Technologies Co., LTD have the right to ultimate interpretation

Designed by Standardization D0712 spec Version: 1.0

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