

TRIDUALplus

|| 10 ÷ 15 kVA

3/1 phase On-line UPS

Introduction

TRIDUAL-PLUS is a series of 3/1 phase UPS with On-line double conversion technology ("zero" time). Thanks to the ease of installation and the numerous display and communication options, POWER-VISION is suitable for any application from electromedical to security, from informatics to large data centers. IGBT inverter and rectifier, sinusoidal waveform, voltage and frequency stability both in presence and absence of network, are some of the features that make TRIDUAL-PLUS a UPS able to guarantee total protection and lasting over time.

Code	PV31...
Powers	10 KVA ÷ 15 kVA
Input Voltage	400 Vac 3phase+ N ± 20 %
Input Frequency	50 – 60 Hz ± 10 %
Output Voltage	220 Vac 1phase + N ± 1 %
Output Frequency	50 – 60 Hz ± 1 %
Crest factor	3:1
Wave form	sinusoidal
Output THD	3 % no-linear load 6 % no-linear load
Bypass Voltage	220 ÷ 240 Vac
Bypass Frequency	50 – 60 Hz ± 5 %
Batteries	VRLA/AGM/GEL
Recharging time	7 hours at 90 %
Transfer time AC/DC	Zero
Transfer time Inverter / Bypass	2,5 ms
Overload	105-130 % 10 min >130 % 1 min.
Display	% load % backup time, net operation, batteries operation, bypass, fault
Alarms	Overload, low charge of batteries, fault, no network
Temperature	0 / +40°C
Humidity	<95 % not condensing
Noise	≤ 60 db / 1 mt
Communication	RS232 optional SNMP optional
Standards	EN62040-1-1, dir. 73/23/EC, EN50091-2 cl. A, dir 2004/108/EC, CE



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Code	Power		Backup time (min)		Dim. UPS (WxHxD)	Dim. Box (WxHxD)	Weight Kg
	KVA	KW	100%	80%			
TP311005	10	7	5	8	260x560x720	260x570x720	85/80
TP311010	10	7	10	14	260x560x720	260x570x720	85/90
TP311058	10	7	58	70	260x560x720	2x260x570x720	85/2x180
TP311504	15	10,5	4	9	260x560x720	260x570x720	87/130
TP311508	15	10,5	8	11	260x560x720	260x570x720	87/140