

telCAB

CEI 0-16

|| 1 ÷ 5 kVA

UPS On-line double conversion 1/1 Phase

Introduction

TELCAB is a series of 1/1 phase UPS with On-line double conversion technology ("zero" time), which follow the prescription of CEI 0-16 standards, for the protection of the auxiliaries in MV/LV substations. TELCAB has been developed for ensuring the backup service for a time not less 60 minutes.

The UPS are equipped with alarms board (Fault, UPS On, Bypass, low batteries, + E.P.O.) and reload reserve; thanks to this function, TELCAB is able to never discharge its batteries at all, for maintaining the needed backup for restarting the system.

Input Voltage	230 Vac 1phase + N \pm 20 %
Input Frequency	50 – 60 Hz \pm 10 %
Output Voltage	220 Vac 1phase + N \pm 1 %
Output Frequency	50 – 60 Hz \pm 1 %
Crest Factor	3:1
Wave Form	sinusoidal
Output THD	3 % linear load 6 % no-linear load
Bypass Voltage	220 ÷ 240 Vac
Bypass Frequency	50 – 60 Hz \pm 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	\leq 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



Standard configuration ■ telCAB

Code	Power		Backup time				Dim. UPS (mm)	Dim. BOX (mm)	Weight Kg
	KVA	KW	Min	W	Min	W			
TELCAB0103607	1	0,7	60	150	120	70	145x220x400		15
TELCAB0103609	1	0,7	60	200	120	120	145x220x400		19
TELCAB0209607	2	1,4	60	500	120	330	192x340x460		32
TELCAB0209609	2	1,4	60	650	120	400	192x340x460		43
TELCAB0209618	2	1,4	60	1000	120	800	192x340x460	192x340x460	43/45
TELCAB0209627	2	1,4	60	1500	120	1000	192x340x460	192x340x460	43/60
TELCAB0309634	3	2,1	60	2000	120	1500	192x340x460	260x570x720	20/135
TELCAB0524018	5	3,5	60	2500	120	2000	260x570x720		43

Standard configuration ■ telCAB-R

Code	Power		Backup time				Dim. UPS (mm)	Dim. BOX (mm)	Weight Kg
	KVA	KW	Min	W	Min	W			
TELCAB0103607-R	1	0,7	60	150	120	70	145x220x400		15
TELCAB0103609-R	1	0,7	60	200	120	120	145x220x400		19
TELCAB0209607-R	2	1,4	60	500	120	330	192x340x460		32
TELCAB0209618-R	2	1,4	60	1000	120	800	192x340x460	192x340x460	43/45
TELCAB0209627-R	2	1,4	60	1500	120	1000	192x340x460	192x340x460	43/60