

vate:	Sheet: 1 of 6
Consumer:	Phone No :
Contact persons:	Fax. No.:
Location :	Order No. :
Technical data of UPS	
Type:	Serial No. :
Or No:	
Input	
Rated Voltage	
Rated Frequency	
Output	
Rated Voltage Voltage Tolerance Rated frequency Frequency Tolerance Overload capability (IEC 146) Short circuit current	
Unit	
Permitted ambient air Recommended ambient temperature Degree of protection Humidity Class	
Power "OFF" Check:	
 Checking for following; Inspect for loose connections Battery cabinet UPS incoming cable out going cable check for loose component wiring agrees exactly with wir PCB plugs properly seated shields properly terminated 	



Date:		Sneet: 2 of
•	Check that the fuses meet engineering specifications.	
•	check power rectifier ,switching devices, and DC-Link with Ohm-meter select power supply	
	nnect system as per wings: double check connection for error or loose connections ensure that the control is properly grounded Verify that the incoming voltage is at proper level measured as:V Verify that the incoming Frequency is at proper level measured as:Hz check voltage of each battery	1
Power "	ON" Check:	
1. Recti	fier switch on : Close incoming breaker Monitor and measure DC bus voltage and balanceVdc Check logic board power supplies +5Vdc +15Vdc -15Vdc +10Vdc +24Vdc -24Vdc -10Vdc	
•	check keypad programming check and set parameter value check floating voltage of each battery, means	



Uninterruptable Power Supply (UPS) COMMISSIONING AND TESTING CERTIFICATES

Date: Sheet: 3 of 6 2. Connect Batteries to DC-Link monitor and measured DC-Link.....Vdc check current between DC-Link and Batteries.....Amp 3. Switch on Inverter check & measure secure bus VoltageVac check & measure secure bus FrequencyHz check & adjust Inverter Control Unit - set basic frequency..... - inverter voltage setting......Vac - inverter current limit......Amp - DC-Balance - secure bus current display signal - modulator triangle balance - in phase - current limited check and adjust Inverter Monitoring Unit Card (A102) - inverter output voltage monitoring level......Vac - low battery voltage, warning......Vdc - battery voltage monitoring level - secure bus voltage display signal - bypass voltage display signal - inverter voltage display signal - battery voltage display signal - inverter voltage display signal - check inverter over voltage - check inverter under voltage - check fan failure - check over temperature - check inverter frequency > - check inverter frequency < - check frequency failure stored - check base driver emergency stop stored - check low battery voltage warning - check restart blocked - check stop inverter low DC - check U-DC high stored - check V-inverter <>, delta U >, pump, stored - check inverter off from SBS (stored) - check sync. .bypass

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Date :		Sheet: 4 of
	- check syncQuartz	
	- check over load	
	- check +12V	
	- check block "inverter low DC switch off"	
	- check inverter stop/go forced	
	- check quartz reference	
	- check inverter monitoring actual value	
	- check monitoring, sync. And secondary curr. Lim.	
4. Switch	ch Static by pass	
•	check & measure secure bus VoltageVac	
•	check & measure secure bus Frequency	
	Hz	
•	check & adjust SBS Control Unit	
	- set bypass over voltageVac	
	- set bypass under	
	voltageVac	
	- set secure bus over	
	loadAmp	
	- set secure bus over	
	voltageVac	
	- set secure bus under	
	voltageVac	
	- set IR compensation	
	- check bypass over load	
	- check over voltage	
	- check under voltage	
	- check over frequency	
	- check under frequency	
	- check secure bus over load	
	check secure bus over voltagecheck secure bus under voltage	-
	- check SBS blocked	
	- SBS on	
	- check +12 V	
	- check SBS on/off forced	
	- check bypass over voltage reference	
	- check bypass monitoring actual value	
	- check bypass under voltage reference	
	- secure bus monitoring actual value	
	- secure bus under voltage reference	
	tual bypass test	
	t down UPS test mal operation test	\vdash
1. INOII	nar operation test	1 1



No					
	Description		Туре		Remark
•	Output short-cir Running data :	cuit test			
Ī	Description	Unload	Load	I	Remark
	Output				
	Valtage				
	Voltage Output				
	Output Current				
	Output				
	Output Current				



Date:

ate :			Sheet: 6 of 6
Fault in :		h °C	Amp.
		Vdc	
Correction:			
Restart:		Dat	ee:
Sign:			
	Executor	Witness	Consumer
Date : Name:			
Note:			