

ADD

DIGIPLEX, Fetsund Data Center

ABB UPS Maintenance Contract



APPENDIX 2, UPS Systems

A2/3 UPS SYSTEMS A- and B-SIDE

ZONE-SIDE	PRODUCT	INTERNAL NUMBER	TYPE	SERIAL NR:	DATE OF COMMISS.	END OF WARRANTY
A2/3-A	UPS FRAME	1	DPA500	5U214	21.12.2015	01.02.2018
A2/3-A	UPS FRAME	2	DPA500	5U215	21.12.2015	01.02.2018
A2/3-A	UPS FRAME	3	DPA500	5U216	21.12.2015	01.02.2018
A2/3-A	UPS MODULE	1	DPA 100kW	A5M767	21.12.2015	01.02.2018
A2/3-A	UPS MODULE	2	DPA 100kW	A5M772	21.12.2015	01.02.2018
A2/3-A	UPS MODULE	6	DPA 100kW	A5M770	21.12.2015	01.02.2018
A2/3-A	UPS MODULE	7	DPA 100kW	A5M773	21.12.2015	01.02.2018
A2/3-A	UPS MODULE	11	DPA 100kW	A5M774	21.12.2015	01.02.2018
A2/3-A	UPS MODULE	12	DPA 100kW	A5M771	21.12.2015	01.02.2018
A2/3-A	BATTERY	1...6	Sprinter XP12V875, 288 pcs	-	21.12.2015	19.01.2017
A2/3-A	BATT. BREAKER	1...15	ABB Tmax 250 A	-	21.12.2015	01.02.2018
A2/3-B	UPS FRAME	1	DPA500	5U217	21.12.2015	01.02.2018
A2/3-B	UPS FRAME	2	DPA500	5U218	21.12.2015	01.02.2018
A2/3-B	UPS FRAME	3	DPA500	5U219	21.12.2015	01.02.2018
A2/3-B	UPS MODULE	1	DPA 100kW	A5M776	21.12.2015	01.02.2018
A2/3-B	UPS MODULE	2	DPA 100kW	A5M777	21.12.2015	01.02.2018
A2/3-B	UPS MODULE	6	DPA 100kW	A5M775	21.12.2015	01.02.2018
A2/3-B	UPS MODULE	7	DPA 100kW	A5M779	21.12.2015	01.02.2018
A2/3-B	UPS MODULE	11	DPA 100kW	A5M778	21.12.2015	01.02.2018
A2/3-B	UPS MODULE	12	DPA 100kW	A5M812	21.12.2015	01.02.2018
A2/3-B	BATTERY	1...6	Sprinter XP12V875, 288 pcs	-	21.12.2015	19.01.2017
A2/3-B	BATT. BREAKER	1...15	ABB Tmax 250 A	-	21.12.2015	01.02.2018

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DIGIPLEX, Fetsund Data Center
Appendix 1

REPLACE

24x7 automatic battery monitoring at block level. Each battery is constantly monitored, and possible deviations alarmed to user.

Requires fixed installation of AKKA central units, measurements cables and remote communication lines.

or alternatively

4.2 OPTION: AKKA Periodic Battery Monitoring

By ABB service personnel with portable AKKA-device. Information also available at block level.
Recommended measurement cycle: minimum twice a year.

Requires fixed installation of AKKA-measurements cables.

5.1 Annual Training

The Contractor shall supply on-site training to the site based maintenance personnel on an annual basis as part of their maintenance tasks. Elements of this training are described in *Appendix 4 "Annual Training"*.

B UPS SYSTEMS INFORMATION

UPS systems are ABB modular DPA500 series equipped with modular Sprinter or Marathon Battery (40-48 batteries each string). Product details are presented in *Appendix 2, "Digiplex Fetsund UPS Systems"*.

Construction Zone	Frame/Module/Battery	Commissioning Date	Contract Date	Warranty Expiring Date
A1/1A 1 st Floor	3xDPA500 /15x100kW / 600 x Marathon Battery	17.10.2014	15.06.2015	19.01.2017
A1/1B 1 st Floor	3xDPA500 /15x100kW / 600 x Marathon Battery	17.10.2014	15.06.2015	19.01.2017
A1/2A 2 nd Floor	3xDPA500 /15x100kW / 600 x Marathon Battery	18.02.2015	15.06.2015	03.03.2017
A1/2B 2 nd Floor	3xDPA500 /15x100kW / 600 x Marathon Battery	18.02.2015	15.06.2015	03.03.2017
A1/3A 3 rd Floor	3XDPA500/06x100kW / 288 x Sprinter Battery*	12.05.2015	15.06.2015	20.05.2017
A1/3B 3 rd Floor	3XDPA500/06x100kW / 288 x Sprinter Battery*	13.05.2015	15.06.2015	20.05.2017
A2/1A 1 st Floor	3xDPA500 /15x100kW / 600 x Marathon Battery	13.07.2015	01.09.2015	01.09.2017
A2/1B 1 st Floor	3xDPA500 /15x100kW / 600 x Marathon Battery	13.07.2015	01.09.2015	01.09.2017
A2/2A 2 nd Floor	3xDPA500 /06x100kW / 240 x Marathon Battery	22.10.2015	01.12.2015	01.12.2017
A2/2B 2 nd Floor	3xDPA500 /06x100kW / 240 x Marathon Battery	22.10.2015	01.12.2015	01.12.2017
A2/3A 3 rd Floor	3XDPA500/06x100kW / 288 x Sprinter Battery*	21.12.2015	01.03.2016	01.02.2018
A2/3B 3 rd Floor	3XDPA500/06x100kW / 288 x Sprinter Battery*	21.12.2015	01.03.2016	01.02.2018

* Warranty expiring date for Sprinter batteries, moved from 1st floor: 19.1.2017