

APPENDIX C

DOE BATTERY LAB DST-CAPABLE CYCLING EQUIPMENT

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LAB	EQPT TYPE	MFGR.	RATINGS ¹	NO. UNITS
ANL	BATTERY CYCLER	ROBICON	250V -1200A +300A	4
ANL	BATTERY CYCLER	DYNAPOWER	100V \pm 500A	1
ANL	BATTERY CYCLER	DYNAPOWER	500V \pm 500A	3
ANL	MODULE CYCLER	TRANSREX	20V \pm 500A	30
ANL	MODULE CYCLER	PROPEL	20V \pm 500A	11
ANL	MODULE CYCLER	EMI	20V \pm 1000A	3
ANL	CELL CYCLER	ARGONNE	10V \pm 20A	2
ANL	MICRO-CYCLER	ARGONNE	10V -1,+3.A	5
SNL	BATTERY CYCLER	SNL	21V +240A -600A \leq 5KW	4
SNL	MODULE CYCLER	SNL	48V +250A -300A \leq 4KW	10
SNL	CELL CYCLER	SNL	40V +30A -100A \leq 1kW	12
SNL	CELL CYCLER	SNL	10V \pm 10A \leq 100W	12
SNL	BATTERY CYCLER	DYNAPOWER	500V \pm 500A	1 ²
SNL	CELL CYCLER	MACCOR	-5V to +20V \pm 20A	8
SNL	CELL CYCLER	MACCOR (* no. channels includes some in following tester)	-10V to +6v \pm 1A 6V \pm 1A 6V \pm 0.25A \pm 6V \pm 0.025A	8 24* 24* 16*
SNL	CELL CYCLER	MACCOR	-10V to +25V \pm 2A 25V \pm 2A 6V \pm 2A -5V to +6V \pm 1A	6 6 6 6
INEL	BATTERY CYCLER	ENERGY SYS	500V -500A +250A \leq 100KW CONT.	3
INEL	MODULE CYCLER	BITRODE	20V -500A +150A \leq 10KW CONT.	2
INEL	BATTERY CYCLER	FCI	220V -400A 300V +150A	1
INEL	MODULE/CELL CYCLER	MACCOR	20V \pm 12.5A	21
INEL	MODULE CYCLER	MACCOR	100V \pm 5A	2
INEL	MODULE CYCLER	MACCOR	100V -50A +25A	1
INEL	CELL CYCLER	MACCOR	5V -50A +25A	8
INEL	CELL CYCLER	MACCOR	5V -5A +2.5A	16
INEL	MODULE CYCLER	ENERGY SYS	100V -20A +10A ³	24 ²
INEL	BATTERY CYCLER	DYNAPOWER	500V \pm 500A	1 ²

NOTES:

1. (+) IN RATINGS COLUMN DENOTES CHARGE CURRENT RATING
2. ON ORDER
3. PARALLELABLE IN GROUPS UP TO 8 CHANNELS