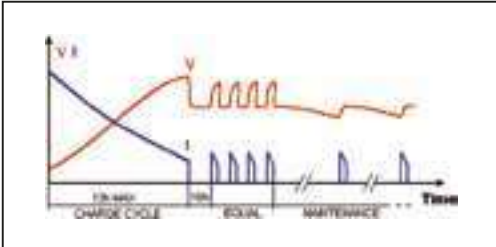


THREE-PHASE TRACTION BATTERY CHARGER: AR DIGITAL ...

Three-phase

Ask for our FREE detailed manuals:
REF 107TA8608 –R box



We stock
 over **90%**
 of charger
 spare
 parts



3-year warranty
 on all charger parts!

Box



500 x 700 mm

Box B



500 x 900 x 440 mm

Box C



620 x 1050 x 550 mm

General information AR DIGITAL

- Three-phase 230/400 VAC - 50/60 Hz input
- Single-phase 230 V available on request
- Fully automatic
- CE/UL-approved
- 5-year warranty on transformer, 3-year warranty on all charger parts
- 10–12 h charge system: Wa (DIN41774)
- Microprocessor-controlled electronic card
- Derivative dV/dT charge control
- Digital display: V/cell, current, capacity charged, time of charge, error messages
- Increase in lifespan of battery
- Built-in maintenance system

ADVANTAGES

- Less chance of damage during transport – if the side becomes dented, the damage is reduced thanks to the spherical shape

SPARES FOR ARD

Control board:

REF 138TA4136 – ForRD Wa

REF 138TA4137 – ForRD WoWa

Other sparesavailable on request:

- Please provide full charger details: type - voltage -mps - serial number



REF 138TA4135
 Wall support bracket

THREE-PHASE TRACTION BATTERY CHARGER: AR DIGITAL ...

Amp (A)	Input kVA	Weight (kg)	Cable section mm ²	Box	Standard charger (10–12 h) charging curve Wa		Fast charger (8 h) charging curve WoWa		Fast charger pump (8 h) charging curve WoWa	
					Cap. range (Ah)	REF	Cap. range (Ah)	REF	Cap. range (Ah)	REF
24 V										
40	1,4	48	10	A	199–263	107TA9513	166–220	123TA6906	166–220	123TA6997
60	2,1	57	16	A	323–395	106TA9180	276–330	123TA6907	276–330	123TA6998
80	2,8	62	25	A	396–526	106TA9181	331–440	123TA6908	331–440	123TA6999
100	3,5	66	25	A	527–658	106TA9182	441–550	123TA6909	441–550	123TA7000
120	4,2	68	35	A	659–789	106TA9183	551–660	123TA6910	551–660	123TA7001
140	4,9	76	35	A	790–921	106TA8699	661–770	123TA6911	661–770	123TA7002
160	5,6	77	50	A	922–1052	106TA8700	771–880	123TA6912	771–880	123TA7003
180	6,3	82	50	A	1053–1184	107TA9514	881–990	123TA6913	881–990	123TA7004
200	7,0	88	50	A	1185–1315	107TA9515	991–1100	123TA6914	991–1100	123TA7158
36 V										
60	3,1	59	16	A	323–395	106TA9184	276–330	123TA6915	276–330	123TA7005
80	4,2	64	25	A	396–526	106TA9185	331–440	123TA6916	331–440	123TA7006
100	5,2	73	25	A	527–658	106TA9186	441–550	123TA6917	441–550	123TA7007
120	6,2	81	35	A	659–789	106TA9187	551–660	123TA6918	551–660	123TA7008
140	7,3	90	35	A	790–921	107TA7661	661–770	123TA6919	661–770	123TA7009
160	8,3	95	50	A	922–1052	108TA4190	771–880	123TA6920	771–880	123TA7010
180	9,4	104	50	A	1053–1184	108TA4191	881–990	123TA6921	881–990	123TA7011
200	10,4	110	50	A	1185–1315	108TA4192	991–1100	123TA6922	991–1100	123TA7012
40 V										
50	2,9	45	16	A	264–329	106TA8701	221–275	123TA6923	221–275	123TA7013
60	3,5	49	16	A	323–395	106TA8702	276–330	123TA6924	276–330	123TA7014
80	4,6	57	25	A	396–526	106TA8703	331–440	123TA6925	331–440	123TA7015
100	5,7	70	25	A	527–658	108TA4193	441–550	123TA6926	441–550	123TA7016
48 V										
40	2,8	56	10	A	199–263	107TA9516	166–220	123TA6927	166–220	123TA7017
50	3,5	60	16	A	264–329	106TA9188	221–275	123TA6928	221–275	123TA7018
60	4,2	66	16	A	323–395	106TA9189	276–330	123TA6929	276–330	123TA7019
80	5,6	75	25	A	396–526	106TA9190	331–440	123TA6930	331–440	123TA7020
100	7,0	82	25	A	527–658	106TA9191	441–550	123TA6931	441–550	123TA7021
120	8,4	89	35	A	659–789	106TA9192	551–660	123TA6932	551–660	123TA7022
140	9,8	99	35	A	790–921	106TA8704	661–770	123TA6933	661–770	123TA7023
160	11,2	113	50	A	922–1052	106TA8705	771–880	123TA6934	771–880	123TA7024
180	12,6	122	50	A	1053–1184	107TA9517	881–990	123TA6935	881–990	123TA7025
200	14	132	50	B	1185–1315	140TA8686	991–1100	140TA8688	991–1100	140TA8689

THREE-PHASE TRACTION BATTERY CHARGER: AR DIGITAL ...

Amp (A)	Input kVA	Weight (kg)	Cable section mm ²	Box	Standard charger (10–12 h) charging curve Wa		Fast charger (8 h) charging curve WoWa		Fast charger ir pump (8 h) charging curve WoWa	
					Cap. range (Ah)	REF	Cap. range (Ah)	REF	Cap. range (Ah)	REF
72 V										
60	6,3	80	16	A	323–395	106TA9193	276–330	123TA6937	276–330	123TA6967
80	8,3	88	25	A	396–526	106TA9194	331–440	123TA6938	331–440	123TA6968
100	10,5	94	25	A	527–658	106TA8706	441–550	123TA6939	441–550	123TA6969
120	12,5	113	35	A	659–789	106TA8707	551–660	123TA6940	551–660	123TA6970
140	14,6	122	35	A	790–921	106TA8708	661–770	123TA6941	661–770	123TA6971
160	16,6	131	50	A	922–1052	107TA9519	771–880	123TA6942	771–880	123TA6972
80 V										
40	4,6	66	10	A	199–263	107TA9520	166–220	123TA6943	166–220	123TA6973
60	6,9	81	16	A	323–395	106TA9195	276–330	123TA6944	276–330	123TA6974
80	9,2	93	25	A	396–526	106TA9196	331–440	123TA6945	331–440	123TA6975
100	11,5	105	25	A	527–658	106TA8709	441–550	123TA6946	441–550	123TA6976
120	13,8	117	35	A	659–789	106TA8710	551–660	123TA6947	551–660	123TA6977
140	16,1	124	35	A	790–921	106TA8711	661–770	123TA6948	661–770	123TA6978
160	18,4	129	50	B	922–1052	140TA8728	771–880	140TA8690	771–880	123TA6979
180	20,7	135	50	B	1053–1184	140TA8687	881–990	140TA8691	881–990	140TA8692
200	13,0	142	50	B	1185–1315	140TA8693	991–1100	140TA8694	991–1100	140TA8695
220	15,3	180	50	B	1316–1446	140TA8696	1101–1210	140TA8697	1101–1210	140TA8698
240	27,6	185	70	B	1447–1577	140TA8699	1211–1320	140TA8700	1211–1320	140TA8701
260	29,9	190	70	B	1578–1708	140TA8702	1321–1430	140TA8703	1321–1430	140TA8704
280	32,2	195	70	B	1709–1839	140TA8705	1431–1540	140TA8706	1431–1540	140TA8707
96 V										
60	8,4	90	16	A	323–395	107TA9529	276–330	123TA6956	276–330	123TA6986
80	11,2	100	25	A	396–526	107TA9530	331–440	123TA6957	331–440	123TA6987
100	14,0	118	25	A	527–658	107TA9531	441–550	123TA6958	441–550	123TA6988
120	16,8	123	35	B	659–789	140TA8708	551–660	140TA8709	551–660	140TA8710
140	19,6	135	35	B	790–921	140TA8711	661–770	140TA8712	661–770	140TA8713
160	22,4	148	50	B	922–1052	140TA8714	771–880	140TA8715	771–880	140TA8716
200	28,0	180	50	B	1185–1315	140TA8717	991–1100	140TA8718	991–1100	140TA8719
240	33,6	195	70	C	1447–1577	140TA8720	1211–1320	140TA8721	1211–1320	140TA8722
260	36,4	205	70	C	1578–1708	140TA8723	1321–1430	140TA8724	1321–1430	140TA8725
280	39,2	215	70	C	1709–1839	140TA8726	1431–1540	140TA8727	1431–1540	140TA8710
320	44,8	230	95	B	1840–2104	140TA8729	1541–1760	140TA8730	1541–1760	140TA8731