Technical Data

type : D400 G102/300 + 18/100 BWru-TDG
order no. : 490 090
serial no. : 1.330.449
wiring diagram : 72.350.00E267A301
dimensions : H x W x D(mm) 2200 x 100 x 600

INPUT:

voltage 400 V ± 10 % 3 -phase current 76 A
frequency 50 Hz ± 4 %
For charging of 51+9 Pb-cells 102+18 V(nominal voltage of battery)

OUTPUT:

charging-characteristic IU/I
boost charging 122,4 / 21,6 V 300 / 100 A float charging 113,8 / 20,1 V 300 / 100 A
I-characteristic 137,7 / 24,3 V 50 / 20 A

residual characteristic: 5 % eff. frequency valued without battery
radio interference degree: EN 50081-1
EN 50082-2

ambient temperature: 45°C

RELAY-VALUES:

A 6	=on	103 V	off	100 V	t	=	sec.
A	=on	V	Off	V	t	=	sec.
A	=on	V	Off	V	t	=	sec.
A	=on	V	Off	V	t	=	sec.
A	=on	V	Off	V	t	=	sec.

FUSES :

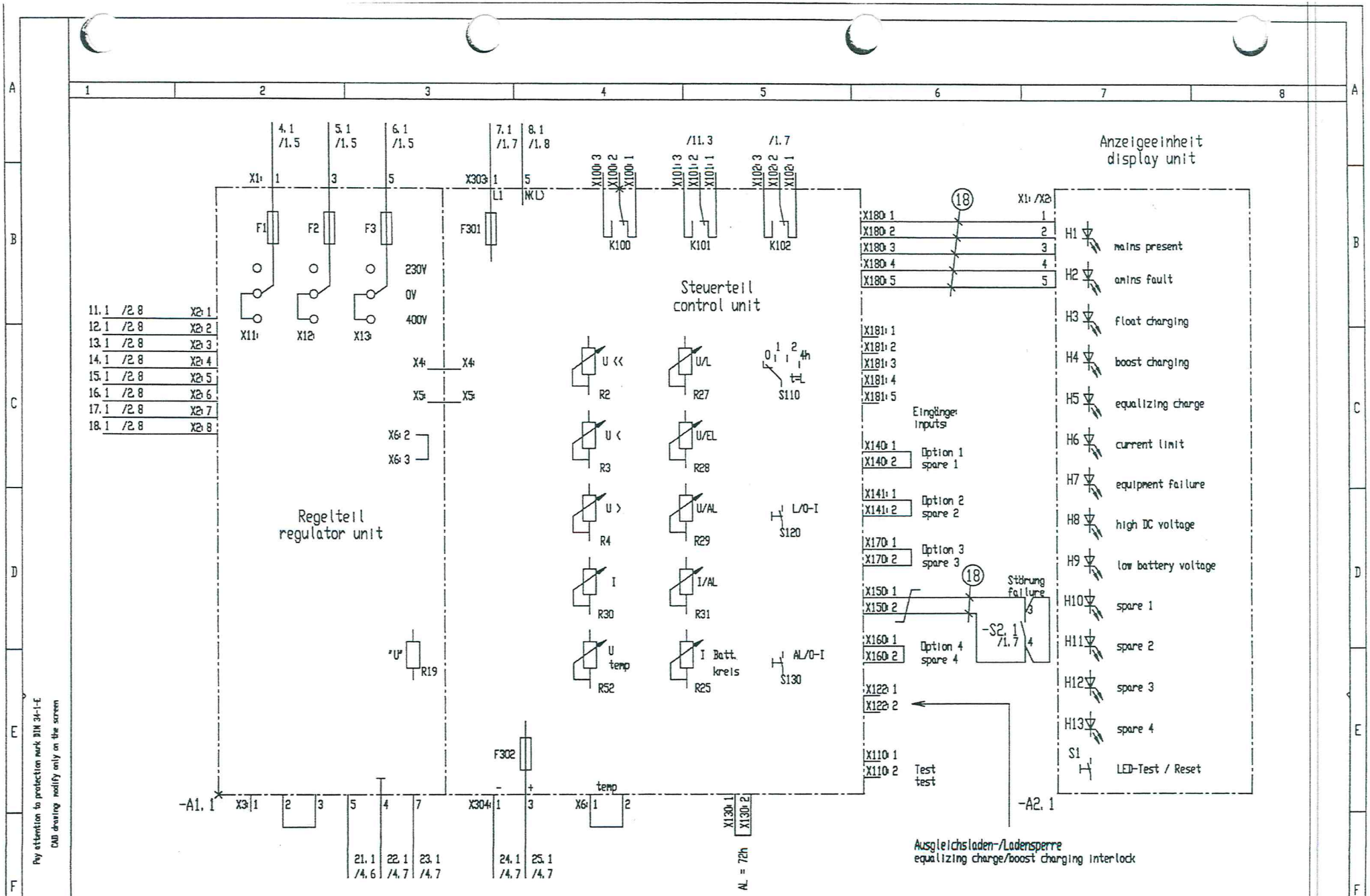
see partlist

F 4.1-6.2,8-10	=	6,3 A T	Q1	=	100 A gL
F 7.1	=	400 A ur	Q2	=	400 A gL
F 7.2	=	160 A ur	Q3	=	315 A gL

REMARKS:

A1.1:
High DC Voltage = U > 127,5 V
Low Battery Voltage = U < 91,8 V
Rectifier failure = U < 108,0 V and I < 240 A

A1.2:
High DC Voltage = U > 22,5 V
Low Battery Voltage = U < 16,2 V
Rectifier failure = U < 19,1 V and I < 80 A



4	as built	29.06.00	Pp	Date	ELIN Energieversorgung Karkamis HEPP	BENNING	Circuit Diagram Main and Aux. Rectifier 1 =1300 +EF01	KRK. 267. 23. 801 STR	=1300 +EF01
	a	15.10.98	CK	Design.					
	Impulsteil	08.12.98	SA	Contr.				Drwg nr. 172 350. 00E267A3 01	Sheet 3
	Status	Revision	Date	Design	Norm	DIN			13 Sheet

220.00/98