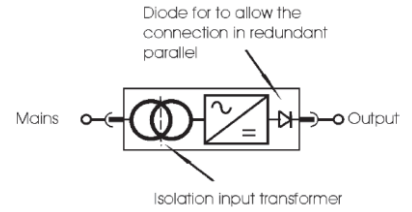


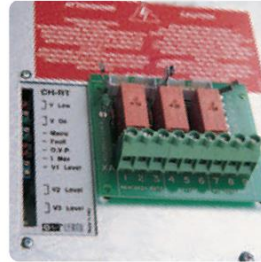
The ACH modules are battery charging power supplies featuring an input isolation transformer and IGBT chopper regulation with work frequency of 28 KHz for output voltage stabilization. They are connected with polarized connectors simplifying their replacement. All the CH models are equipped with an output diode allowing parallel connection, to achieve greater power or redundancy, thus increasing reliability.



FRONT PANEL



"IAE" BOARD FOR OPTIONAL ALLARMS



Product pluses

- ✓ Output diode
- ✓ High reliability
- ✓ User –friendliness
- ✓ Easy maintenance
- ✓ Continuous service
- ✓ Natural ventilation
- ✓ Switch-on current limitation
 - ✓ High MTBF
 - ✓ Low MTRR
- ✓ Input transformer
- ✓ Compact strong design

Versions	ACH	ACH	ACH	ACH	ACH	ACH	ACH	ACH	ACH	ACH
Technical specifications	24/10/220	24/25/220	24/40/220	24/60/220	48/5/220	48/10/220	48/30/220	110/5/220	110/15/220	220/8/220
Power supply	One-phase 230 Vac ± 10%									
Frequency	50 – 60 Hz									
Input current (A)	2.2	4.8	7.3	11	2.5	3.7	11.2	4.4	12.2	12.9
Input switch size										
"C" curve	4A	6A	10A	16A	4A	6A	16A	6A	16A	16A
Output voltage (Vdc)	18 ÷ 40	18 ÷ 40	18 ÷ 40	18 ÷ 40	43 ÷ 65	43 ÷ 65	43 ÷ 65	108 ÷ 130	108 ÷ 130	235 ÷ 255
Maximum permanent current (A)	10	25	40	60	5	10	30	5	15	8
Dissipated power (W)	50	168	110	320	40	97	340	92	250	300
Current limitation	1.1 In (Factory calibrated)									
Stability	1% (before diode)									
Effective ripple	± 1%									
Efficiency	>92%									
Noise Input protection	< 55dB									
Output protection	Overvoltages									
Cooling	Cto – Cto; high and low voltage									
Strength	In/Gnd 2800Vdc Out/Gnd 2800 Vdc (for 60 sec.)									
Protection degree	IP 20									
Environment temperature	(0, +50 °C)									
Storage temperature	(-20, +70°C)									
Altitude	1000 m a.s.l.									
Humidity	95% (Without Condensation)									
Dimensions (LxDxH)	130x240x283	170x220x500	170x220x672	170x220x672	130x240x283	170x220x500	170x220x672	170x220x500	170x220x672	170x220x672
Weigh (Kg)	8.5	19	25	27	8.5	19	22	19	25	52
LED Indications	Mains OK, Minimum voltage regular, Minimum battery, fault, Output overvoltage									
PDT Contacts (with optional IAE card)	Mains failure; minimum voltage, fault.									