

Infocharger

Battery Charger / DC Power Supply
25Amp to 200Amp



- DSP (Digital Signal Processor) Controller
- IGBT Technology Transformerless Design
- Operation according to constant voltage and current principle
- Adjustable Boost and Nominal Charge Voltage
- Adjustable Output Current
- High Voltage Protection
- Over Current Protection
- Short Circuit Protection
- Over Temperature Protection
- Input Filter
- Alphanumerical LCD Display and Control Panel
- Low DC Voltage Protection (LVD)- Optional
- Dry Contact Alarms- Optional
- Parallel Connection Availability- Optional
- Small Footprints, Compact Size

Accessories

- LVD • Power Factor Correction • Relay Board • Parallel Kit

Infocharger Specifications

TYPE	ICH122450	ICH4850	ICH11025	ICH1224100	ICH1224200	ICH48100	ICH11050
Power	50Amp	50Amp	25Amp	100Amp	200Amp	100Amp	50Amp
DC Voltage	24VDC	48VDC	110VDC	24VDC	24VDC	48VDC	110VDC
INPUT							
Input Phase	1Phase			1Phase / 3Phase			
Nominal Voltage Range	80-280VAC			176-280VAC			
Frequency Range	45-65Hz						
Power Factor	>0,98			>0,8			
OUTPUT							
Nominal Voltage	24VDC	48VDC	110VDC	24VDC	24VDC	48VDC	110VDC
Nominal current	50Amp	50Amp	25Amp	100Amp	200Amp	100Amp	50Amp
Output Current Adjustment Value	0 to 50A	0 to 50A	0 to 25A	0 to 100A	0 to 200A	0 to 100A	0 to 50A
Max Output Current	110% of inominal						
Boost Charge Voltage	100% - 120% of the nominal output voltage						
Output Fluctuation	<0,5% Rms AC output voltage						
Dynamic Response	less Than 2% of output voltage						
Output protection	Electronic Short Circuit / Over Voltage / Reverse Voltage Protections						
DISPLAY							
LCD Display Panel	Voltage, Current, Temperature, Charge And Status Informations						
LED Display Panel	Overload, Line, Battery, Load, LVD, Fault Indications						
GENERAL							
Cooling	Forced (FAN Cooling)						
Isolation Voltage	2000VAC between output and chassis						
Efficiency	>90 %						
Operating Temperature	0 – 50 °C						
Relative Humidity	0% - 90%						
Input/Output Connections	Terminals						
Fuses	input, load and 3pcs double pole thermic magnetic automat						
PHYSICAL SPECIFICATIONS							
Net Weight (kg)	17			37			
Dimensions (mm) (WxDxH)	270x400x400			210x555x625			
STANDARDS							
Safety	EN62040-1-1						
EMC	EN62040-2						
Performance	EN62040-3						
Protection Class	IP 20						
OPTIONS							
Dry Contact Card	6pcs Contact Alarms / Normally (Closed / Open)						
LVD	Low Voltage Disconnect (Contactor)						
Parallel Connection	Not Available			Up to 7 Units			

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