



## NEW GENERATION HIGH FREQUENCY RECTIFIERS

### Application Areas

Yachts / Shipyards / Rail systems  
Hydroelectric Power Stations  
Solar Power Plants  
Electric Vehicles

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MODEL	New Generation High Frequency Rectifiers
<b>INPUT</b>	
Number of Input Phase	Mono Phase - 2 Phase - 3 Phase
Input Voltage Toleration	± % 10
Input Frequency	50 - 60 Hz
<b>OUTPUT</b>	
Output Power	1 A - 500 A
Output Voltage	12 V - 24 V - 36 V - 48 V - 96 V - 110 V
Output Ripple	≤ 1 Ripple
<b>GENERAL</b>	
Cooling	Air Cooling
Insulation Voltage	1500 VAC btw in.&ch., 500 VAC btw out.&ch., 500 VAC btw in.&out.
Insulation Class	IP 20 - RAL 7032 (it can be special production)
Efficiency	90 / 98 %
Working Temperature	-20 / 50 °C
Programmed Working	Charge mode can be adjusted for all battery types
Input / Output Connections	Sequent electric terminal - w automat
<b>PROTECTION</b>	
Heat Protection	Input / Output overheat protection
Measurement	Charge mode can be adjusted for all battery types
<b>TECHNOLOGY</b>	
IGBT	Switch Mode technology
Tinplate	ISO 9001 - TSE - LVD - EN 62040-1 - EMC
<b>INDICATORS</b>	
LCD Screen	4x16 - 2x16 Line
PLC	S71200 - S7300
Automation	Modbus / Profibus / ProfiNET / RS 232 / RS 485

TECHNICAL FEATURES

DIMENSIONS			
AMP	G (mm)	D (mm)	H (mm)
SAY1	240	150	340
SAY2	240	200	340
SAY3	260	370	290
SAY4	280	400	340
SAY5	320	450	400
ASY6	390	500	580

