

◆ SWITCH MODE & TYHRISTOR TYPE 1 PHASE BATTERY CHARGING RECTIFIERS

GENERAL SPECIFICATIONS



- Easy Installation
- Long Operating Life
- Can be used as direct current power supply and battery charger
- Charging technique to choose;
 - Classic IU charging chart
 - (Direct current power mode)
- 3 stepcharge-IuIa graph
 - (3-step battery charging mode)
- Quick Charger
 - Charging GraphPad
 - (Classic Battery charging mode)
- Battery type selector;
 - Dry Battery
 - Water Battery
 - Gel Battery
- Remote Control Unit
- Program update from the socket on the panel
- Rectifier fault and status information opt output
- High efficiency
- Low maintenance requirement
- Easy to supply standard parts
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TECHNICAL SPECIFICATIONS	
GENERAL	
Model	HETA
Operation Technics	Switch mode IGBT controlled OR MCCB
Control	Microprocessor controlled
Efficiency	> % 90
Insulation Voltage	1500 V (Phase - Earth / Neutral - Earth)
INPUT	
Input	220 /240 V AC or Customized
Input Voltage Tolerance	± % 15
Operation Frequency	50-60 Hz.
Operation Frequency Tolerance	±% 5
Input Transformer	Galvanic Insulation Transformer
Power Factor	> 0,8
Input Protection	Thermic Magnetic W Automat
OUTPUT	
Nominal Output Voltage	12/24/48/110/220/380 V DC OR others Customized
No. I voltage adjustment	% 100 -% 125 adjustable via front panel
Nominal Charge Voltage	% 100 -% 125 adjustable via front panel
Boost Charge Voltage	% 100 -% 125 adjustable via front panel
Static Tolerance	% 1
Output Current	10 A - 2000 A or others customized as customers' requirement
Output current adjust tolerance	% 1 -100 adjustable via front panel
Output wave	With battery % 1
Output Protection	Thermic Magnetic W Automat electronic over current protection
PANEL	
Indicators & Alarms	3 Linear digital panel -Volt, current and time parameters adjustment buttons
Warning Alarms	Battery Not Installed, Rectifier Failure
Observable parameters	Charge Voltage, Charge Current, Time
Adjustable parameters	Normal-Boost charge voltage, Output current, Time Quiet operation
ENVIRONMEN	
Cooling	Natural air cooled or forced cooled
Operation Temperature	0 / + 50 °C
Humidity	% 90
Protection Class	IP 21