

DELTA AC/DC Rectifier

SINGLE PHASE 220/230VAC 12-24-48-110-220 VDC

AC/DC Rectifier / Battery Charger

- * Wide voltage range
- * Adjustable floating voltage
- * Adjustable boost voltage
- * Overvoltage protection
- * Overload protection
- * Input filter
- * LCD display menu
- * Dry contact alarms

- * Low voltage battery disconnection system and deep-discharge (optional)
- * Parallel connection (optional)
- * Compatible with Lead and Nickel Cadmium battery
- * Easy Installation and Low Operational Costs



Technical Specifications

Brand	DELTA	
Description		
Technology	Thyristor with Transformer	
Parallable	Yes	
Color	Gray	
Intensity	12-24-48-110-220 VDC	
Warranty	1 year	
Input		
Input Frequency	40-60 Hz	
Type	Single phase	
Connection Type	Terminal Block	
Minimum Input Voltage (V)	180 V	
Maximum Output Voltage (V)	250 V	
Power Factor	0,98	
Output		
Nominal Output Voltage (V)	12/24 or 48 or 110 or 220 Volts +/-; Dynamic control: 1%	
Overload	Alternative residual voltage: <1% RMS AC of the output voltage. Electronic protection against short circuits, overvoltages on the battery, Reverse polarity.	
Output Connection	Terminal block Low battery voltage disconnection (optional)	
Internal Filter	Yes	
Internal Lightning Protection	Yes	
Communication		
Interface	Dry contact, Scada	
Software	Non	
Control Panel	LCD display: Voltage, Current, Temperature, Load and Operating conditions Alarms, Charging level, AC DC current, Voltage	
Alarms		
AC Cut off	DRY CONTACT AT OUTPUT	
AC OVERVOLTAGE	DRY CONTACT + SOUND ALARM + LED ALERT	
AC LOW VOLTAGE	DRY CONTACT + SOUND ALARM + LED ALERT	
DC HIGH	DRY CONTACT + SOUND ALARM + LED ALERT	
DC LOW	DRY CONTACT + SOUND ALARM + LED ALERT	
(+) POSITIVE LEAKAGE	DRY CONTACT + SOUND ALARM + LED ALERT	
(-)NEGATIVE LEAKAGE	DRY CONTACT + SOUND ALARM + LED ALERT	
BOOST CHARGE	DRY CONTACT + SOUND ALARM + LED ALERT	
BATTERY MAINTENANCE	DRY CONTACT + SOUND ALARM + LED ALERT	
BATTERY FAILURE	DRY CONTACT + SOUND ALARM + LED ALERT	
FAN ACTIVE	DRY CONTACT	
OVER TEMPERATURE	DRY CONTACT	
BUZZER ON/OFF	LCD SCREEN	
WITHOUT MAINS	LCD SCREEN	
Environnement		
Relative Humidity	20% - 95%	
Altitude max (m)	1000	
Ambient temperature max.(°C)	50	
Standards		
Conformity	Quality : ISO 9001 - ISO 14001	

Product Physical Attributes

Description	Width (mm)	Length (mm)	Height (mm)	Weight (kg)
24VDC 7 Ah	320	300	525	45
24VDC 12 - 18 Ah	320	220	525	52 - 65
24VDC 26 Ah	330	400	525	78
24VDC 40 - 55 Ah	400	400	550	86 - 95
24VDC 60 - 70 Ah	500	400	580	125 - 136
24VDC 80 - 90 Ah	550	420	650	160 - 198
24VDC 100 - 120 Ah	550	450	700	220 - 265
24VDC 150 Ah	600	500	800	280
24VDC 200 Ah	620	600	800	295
110VDC 7 Ah	350	400	675	76
110VDC 12 - 18 Ah	350	400	1000	85 - 98
110VDC 26 Ah	350	400	1100	135
110VDC 40 - 55 Ah	400	450	1200	185 - 215
110VDC 60 - 70 Ah	420	450	1350	295
110VDC 80 - 90 Ah	450	450	1400	325 - 345
110VDC 100 - 120 Ah	500	550	1550	370 - 395
110VDC 150 Ah	550	600	1600	550
110VDC 200 Ah	650	650	1700	725
24VDC 10 - 20 - 30 A	320	400	400	50 - 55 - 62
24VDC 40 - 50 - 60 A	320	400	420	65 - 72 - 79
24VDC 70 - 80 - 90 - 100 A	400	400	420	85 - 89 - 94 - 106
24VDC 110 - 120 - 130 A	450	400	450	112 - 118 - 125
24VDC 140 - 150 - 160 A	500	400	550	135 - 146 - 155
24VDC 170 - 180 - 190 A	550	450	650	162 - 166 - 180
24VDC 200 A	600	500	700	205
110VDC 10 - 20 - 30 A	450	400	450	76
110VDC 40 - 50 - 60 A	450	400	450	65 - 68
110VDC 70 - 80 - 90 - 100 A	550	550	550	90 - 95 - 108 - 125
110VDC 110 - 120 - 130 A	550	550	650	130 - 145 - 152
110VDC 140 - 150 - 160 A	550	550	650	155 - 165 - 175
110VDC 170 - 180 - 190 A	600	600	700	185 - 195
110VDC 200 A	650	650	750	215