

# AXIMA

POWER

# VOLTIS

High-frequency power supply with current limitation

[www.axima-power.com](http://www.axima-power.com)



## FOR DC POWER SUPPLY

## FOR STATIONARY AND TRACTION BATTERIES

### Usage

- adjustable power supply for electroplating and electrochemistry
- service deployment in stationary applications (in case of charger failure)
- forming of new batteries
- IU, IUa or IU0U characteristic
- regeneration (desulphating, equalisation) of traction and stationary batteries

### Features

- high-frequency charger, modular construction
- universal – for all battery types
- four-coloured graphic display

### Settings, operation

- manual setting of parameters via front panel
- wide range of setting: 0 – I<sub>max</sub>, 0 – U<sub>max</sub> (according to type)
- possibility of shutoff after lapse of preset time
- possibility of shutoff after delivery of preset Ahs
- possibility of operation with no time limits
- remote control option (activation and deactivation)
- remote signalisation (optical, potential-free)
- charging compensation according to the battery temperature using a temperature sensor

### Versions

- standard – wall mounted, IP20
- portable – on AXI FF MONO stand, with optional handle
- mobile – in a tubular frame fitted with wheels (multi-module types)

### Optional equipment

- external signal column
- relay signalization
- temperature sensor



VOLTIS is an adjustable voltage power supply with current limiting. VOLTIS can be used as a high-frequency battery charger, mainly for stationary applications. It is also ideal for regeneration and maintenance of all battery types.

# LARGE CLEAR DISPLAY

REQUIRED	ACTUAL
VOLTAGE	<b>0.0v</b>
48.0V	
CURRENT	<b>0.0A</b>
50.0A	
TIME	<b>0:00h</b>
0:15h	
SETTING	

REQUIRED	ACTUAL
VOLTAGE	<b>47.9v</b>
48.0V	
CURRENT	<b>37.8A</b>
50.0A	
TIME	<b>0:10h</b>
0:15h	
SETTING	

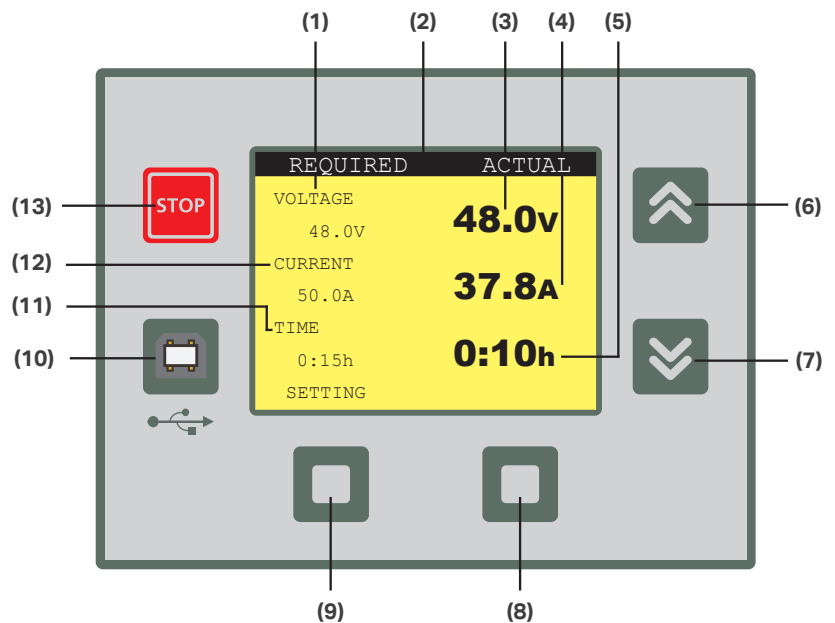
FINAL	ACTUAL
VOLTAGE	<b>0.0v</b>
48.0V	
CURRENT	<b>0.0A</b>
50.0A	
TIME	<b>0:15h</b>
0:15h	
RETURN	



## Display colours:

- blue** – standby mode
- yellow** – in operation
- green** – cycle finished
- red** – error (with failure code)

# VOLTIS



- (1) requested output voltage
- (2) information bar
- (3) output voltage value
- (4) current supply value
- (5) elapsed time or provided capacity
- (6) button up
- (7) button down
- (8) and (9) function buttons
- (10) USB connector
- (11) deactivation parameters (time or capacity)
- (12) current limiting
- (13) "STOP" button

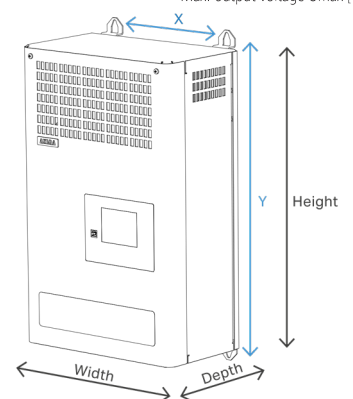
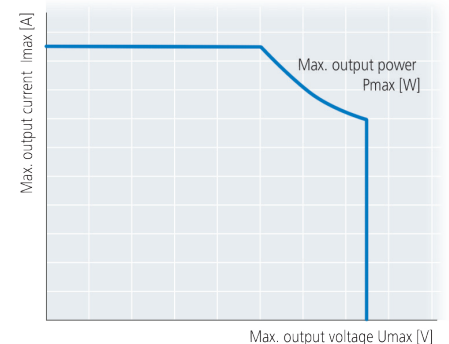
# Typeschart

Type	Max. output voltage (V)	Max. output current (A)	Max. output power (W)	Mains (V)	Input current (A)	Mains protection (A)	Case (IP20)	Weight (kg)
VOLTIS 24E60	35	60	1750	230	8,7	10	FF170	16
VOLTIS 24E100		100	2900	230	14,1	16	FF170	16
VOLTIS 24D100		100	2900	3x400	4,9	6	FF170	17
VOLTIS 24D200		200	5800	3x400	9,8	10	FF250	25
VOLTIS 48E50	70	50	2900	230	14,1	16	FF170	16
VOLTIS 48D50		50	2900	3x400	4,9	6	FF170	17
VOLTIS 48D100		100	4800	3x400	8	10	FF170	20
VOLTIS 48D150		150	7700	3x400	12,9	16	FF250	28
VOLTIS 96E25	140	25	2900	230	14,1	16	FF170	16
VOLTIS 96D25		25	2900	3x400	4,9	6	FF170	17
VOLTIS 96D50		50	4800	3x400	8	10	FF170	20
VOLTIS 96D75		75	7700	3x400	12,9	16	FF250	28
VOLTIS 96D100		100	9600	3x400	16	20	FF250	30
VOLTIS 96D125		125	12500	3x400	20,9	25	FF330	39
VOLTIS 220D22	300	22	4800	3x400	8	10	FF170	20
VOLTIS 220D44		44	9600	3x400	16	20	FF250	30
VOLTIS 220D66		66	14400	3x400	24	32	FF330	41
VOLTIS 220D88		88	19200	3x400	32	40	FF550	55
VOLTIS 400D12	600	12	4800	3x400	8	10	FF170	20
VOLTIS 400D24		24	9600	3x400	16	20	FF250	30
VOLTIS 400D36		36	14400	3x400	24	32	FF330	41
VOLTIS 400D48		48	19200	3x400	32	40	FF550	55

In case you did not choose from standard products, please contact us.

<b>Efficiency</b>	up to 94%
<b>Output voltage stability</b>	± 1%
<b>Cooling</b>	forced ventilation
<b>Degree of protection</b>	IP20
<b>Operating conditions</b>	-10°C to +40°C
<b>Protection class</b>	I
<b>CE Standards</b>	EN 61000-6-2
	EN 61000-6-4
	EN 62368-1

Case	Dimension (mm)			Fastening holes spacing (mm)	
	HEIGHT	WIDTH	DEPTH	X	Y
FF170	477	302	169	230	515
FF250	477	302	254	230	515
FF330	477	302	339	230	515
FF550	477	547	339	499	515
FF720	477	717	339	669	515



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