

FLEXIS PS

HF OUTPUT POWER SOURCE

Adjustable power supply with current limiting



FLEXIS PS

FOR TRACTION AND STATIONARY BATTERIES

FOR DC POWER SUPPLY

Usage

- IU or IUa characteristic
- regeneration (desulphating, equalisation) of traction and stationary batteries
- forming of new batteries
- adjustable power supply for electroplating and electrochemistry

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_{max}, 0 – U_{max} (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)

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



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

FOUR-COLOURED GRAPHIC DISPLAY

	REQUIRED	ACTUAL
U	57,6V	0,0V
I	25,0A	0,0A
T	2:30	0:00
	SET	START

Entry menu

Blue display shows required and actual values.

VOLTAGE	57,6V
CURRENT	25,0A
TIME	2:30
SET	NEXT

Setting of parameters

Required parameters (voltage, current, time) are set in this menu.

	REQUIRED	ACTUAL
U	57,6V	57,6V
I	25,0A	20,1A
T	2:30	0:55
	SET	

Working phase

Yellow display signals operation. During operation is possible to change required values or stop/suspend operation.

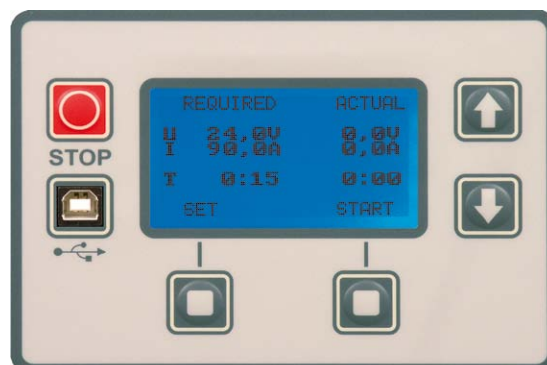
	REQUIRED	ACTUAL
U	57,6V	53,2V
I	3,5A	0,0A
T	2:30	
	SET	

End of operation

Green display signals end of operation. This stage comes after laps of preset time or after preset Ahs are delivered. Operation can be stoped or suspended manually.

STOP button

USB connector



shift buttons

selection buttons

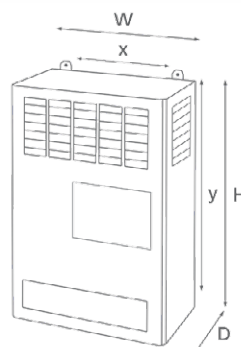
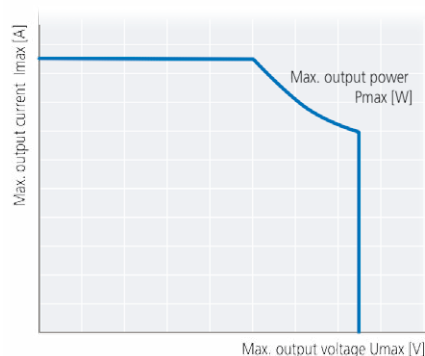
Typeschart

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)
FLEXIS PS24E60	35	60	1750	230	8,7	10	FF130	16
FLEXIS PS24E100		100	2900	230	14,1	16	FF130	16
FLEXIS PS24D100		100	2900	3X400	4,9	6	FF130	17
FLEXIS PS24D200		200	5800	3X400	9,8	10	FF250	25
FLEXIS PS48E50	70	50	2900	230	14,1	16	FF130	16
FLEXIS PS48D50		50	2900	3X400	4,9	6	FF130	17
FLEXIS PS48D100		100	4800	3X400	8	10	FF130	20
FLEXIS PS48D150		150	7700	3X400	12,9	16	FF250	28
FLEXIS PS96E25	140	25	2900	230	14,1	16	FF130	16
FLEXIS PS96D25		25	2900	3X400	4,9	6	FF130	17
FLEXIS PS96D50		50	4800	3X400	8	10	FF130	20
FLEXIS PS96D75		75	7700	3X400	12,9	16	FF250	28
FLEXIS PS96D100		100	9600	3X400	16	20	FF250	30
FLEXIS PS96D125		125	12500	3X400	20,9	25	FF330	39
FLEXIS PS96D150		150	14400	3X400	24	32	FF330	41
FLEXIS PS220D22	300	22	4800	3x400	8	10	FF130	20
FLEXIS PS220D44		44	9600	3X400	16	20	FF250	30
FLEXIS PS220D66		66	14400	3X400	24	32	FF330	41
FLEXIS PS220D88		88	19200	3X400	32	40	FF550	55
FLEXIS PS400D12	600	12	4800	3x400	8	10	FF130	20
FLEXIS PS400D24		24	9600	3X400	16	20	FF250	30
FLEXIS PS400D36		36	14400	3X400	24	32	FF330	41
FLEXIS PS400D48		48	19200	3X400	32	40	FF550	55

Other types on request.

Efficiency	up to 94%
Output voltage stability	± 1%
Cooling	forced ventilation
Degree of protection	IP20
Operating conditions	-10°C to +40°C

Case	Dimension (mm)			Fastening holes spacing (mm)	
	H	W	D	x	y
FF130	477	302	135	230	515
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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