SERIE 2

Basic Wa

MAIN APPLICATIONS

SUITABLE BATTERIES

Wet lead acid - PzS

STANDARD AVAILABLE SIZES

Output Voltage	Output Current
from 12V up to 80V	Amps depending on V ratio, max power in kVA and cabinet size

AH RECHARGE TABLE

Output current A	>>>	15 A	20 A	25 A	30 A	40 A	50 A	60 A
Ah (C5)	9h	77	103	129	154	206	257	309
	12h	111	147	184	221	294	368	441
	13-14h	121	162	202	242	323	404	484
Output current A	**>>>**	**80 A**	**100A**	**120A**	**140A**	**160A**	**180A**	**200A**
Ah (C5)	9h	412	515	617	720	823	926	1029
	12h	588	735	882	1029	1176	1323	1470
	13-14h	646	807	969	1130	1291	1453	1614

PRODUCT INTRO

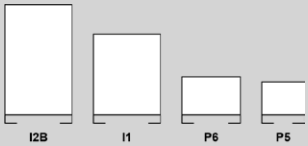
Serie 2 is the basic conventional Wa DIN 41774 range that grants our best balance between price and performance, aimed for markets demanding flexible products.
As entry level Serie 2 features universal 4-LED board, fix 3h temporal charge and compact casings*.
(*up to specific V/A sizes).

GENERAL CHARACTERISTICS

Mains	230Vac (1ph) ± 5% 50Hz / 400Vac (3ph) ± 5% 50Hz
Visual signalling	Basic 4 LEDs visualization with EAV (easy alarm visualization)
Main features	• Automatic start, charging process and shutoff • Universal Electronic Board with equalisation setting (dipswitch on PCB) • Final charging stage: temporal (3h pre-set time) • Leakage power transformer • Wa charging profile (DIN 41774)
Efficiency	82/88% depending on power involved
Operating temperature	0° to +40°C
Certifications	CE in conformity with LV and EMC protocols

SAFETY FEATURES

Output protection	Reverse polarity protection: fuse
Thermal protection	Leakage power transformer (class F) provided with thermal probes
General protection	Double security timer: gassing point / max charging duration Battery detection with safety powering

MECHANICAL CHARACTERISTICS

Protection degree	IP 21
Weight	Depending on model size
Input cable	2,3 m (length) +/- 10% – AC plug on demand. Schuko plug included on models up to 16A current draw
Output cables	2,3 m (length) +/- 10% – DC plug on demand
Dimensions (LxWxH)	*I2B:* 550 x 450 x 900 mm
	I1: 524 x 395 x 660 mm
	P6: 480 x 280 x 310 mm
	P5: 350 x 220 x 270 mm