

SERIE 2

Basic Wa



SUITABLE BATTERIES

PzS wet lead acid

MAIN APPLICATIONS



STANDARD AVAILABLE SIZES

Output Voltage	Output Current
from 12V up to 96V	from 10A up to 200A
//	Amps depending on V ratio and max power in kVA

See technical chart for AC current draw, plugs & recommended mains fuses by size.

AH RECHARGE TABLE

Output current A	>>>	15 A	20 A	25 A	30 A	40 A	50 A	60 A	70 A	80 A	90A
Ah (C5)	9h	77	103	128	154	206	257	308	360	411	462
	12h	99	132	165	198	265	331	397	463	529	595
	13-14h	110	147	184	220	294	367	441	514	588	661

Output current A	>>>	100A	110A	120A	130A	140A	150A	160A	170A	180A	200A
Ah (C5)	9h	514	565	617	668	719	771	822	873	925	1028
	12h	661	727	794	860	926	992	1058	1124	1190	1323
	13-14h	735	808	882	955	1029	1102	1176	1249	1322	1469

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	1phase 230Vac \pm 5% - 3phase 400Vac \pm 5% / 50Hz
Visual signalling	Basic 4 LEDs visualization with EAV (easy alarm visualization)
Main features	<ul style="list-style-type: none"> • 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	Depend 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 (mm)	I3: 550 (w) 1150 (h) 700 (l) mm
	I3R: 550 (w) 1050 (h) 600 (l) mm
	I2B: 450 (w) 900 (h) 550 (l) mm
	I1: 390 (w) 660 (h) 550 (l) mm
	P6: 280 (w) 310 (h) 480 (l) mm
	P5: 220 (w) 270 (h) 350 (l) mm

