SERIE 5 NA

Advanced line - Wa

MAIN APPLICATIONS

SUITABLE BATTERIES

Wet lead acid - PzS

STANDARD AVAILABLE SIZES

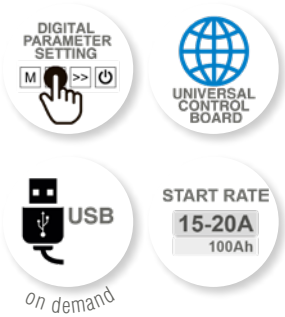
	120 Vac (1ph)	208-240 Vac (1ph)	208-240-440-480 Vac (3ph)	600 Vac (3ph)
Output Voltage	**Output Current**			
24 V	from 40 to 60 A	from 80 to 160 A	from 80 to 200 A	from 80 to 200 A
36V	from 25 to 40 A	from 50 to 140 A	from 80 to 200 A	from 80 to 200 A
48V	from 20 to 30 A	from 50 to 120 A	from 80 to 160 A	from 80 to 160 A
72V	--	--	from 80 to 140 A	from 80 to 140 A
80V	--	--	from 80 to 120 A	from 80 to 120 A

AH RECHARGE TABLE

A	**>>>**	**20A**	**25A**	**30A**	**40A**	**50A**	**60A**	**80A**
Ah (C6)	**8h**	103	128	154	206	257	308	411
	12-14h	132-147	165-184	198-220	265-294	331-367	397-441	529-588
A	**>>>**	**100A**	**120A**	**140A**	**160A**	**180A**	**200A**	
Ah (C6)	**8h**	514	617	719	822	925	1028	
	12-14h	661-735	794-882	926-1029	1058-1176	1190-1322	1323-1469	

PRODUCT INTRO

Serie 5 represents the “Advanced” conventional Wa ranges, aimed for the North American markets.
This series features programmable board with internal memory, enhanced algorithms and USB (setting/troubleshooting/data-report).
The integrated digital display permits the complete controlling, programming and diagnostic in real time. Security features involves both mechanical and software solutions.



GENERAL CHARACTERISTICS

Mains	120Vac (1ph) ± 5% 60Hz / 208-240Vac (1ph) ± 5% 60Hz 208-240-440-480Vac (3ph)± 5% 60Hz / 600Vac (3ph) ± 5% 60Hz
Visual signalling	5 LED advanced visualization and integrated display for programming, diagnostic and consulting data storage
Main features	• Automatic start, charging process and shutoff • Universal Electronic Board with advanced digital setting by display: profile thresholds / termination mode / equalization mode / delay start / cable compensation • Final charging stage (adjustable in respect of battery usage): temporal, capacitive (CF% and AH accumulated), derivative dv/dt • Leakage power transformer: taper charger • Wa charging profile (DIN 41774)
Operating temperature	+32° to +104° F (0° to +40° C) no derating (heavy climate version available)
Efficiency	82/88% depending on power involved
Certifications	CSA

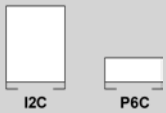
SAFETY FEATURES

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 Additional thermal protection based on algorithm managed by electronic board Delayed start to avoid sparks

OPTIONALS

Protection cage, USB port

MECHANICAL CHARACTERISTICS

Protection degree	IP 21
Weight	Depending on model size
Input cable	At customer care
Output cables	2.5 yd (2,3m) +/- 10% (length) – DC plug on demand
Dimensions (LxWxH)  I2C P6C	*I2C:* 21.85 x 17.91 x 35.43 inches (555 x 455 x 900 mm) *P6C:* 19.29 x 11.02 x 2.20 inches (490 x 280 x 310 mm)