

**High frequency Battery Charger NG3  
Single-phase 230/115 VAC**

CODE	TYPE	NOM. BATTERY VOLTAGE	OUTPUT CURRENT	OUTPUT CURRENT WUIa	RECOMMENDED BATTERIES CAPABILITIES
F7 AV	NG3 12-100	12 V	100 A	120	500-1000 AH
F7 BQ..	NG3 24-50	24 V	50 A	60	250-500 AH
F7BT..	NG3 24-80	24 V	80 A	95	400-800 AH
F7 CR	NG3 36-60	36 V	60 A	70	300-600 AH
F7 EQ	NG3 48-50	48 V	50 A	60	250-500 AH
F7 GN	NG3 60-35	60 V	35 A	40	175-350 AH
F7 HM	NG3 72-30	72 V	30 A	35	150-300 AH
F7 IL	NG3 80-27	80 V	27 A	30	135-270 AH
F7 LL	NG3 84-25	84 V	25 A	30	125-250 AH
F7 MI	NG3 96-22	96 V	22 A	26	110-220 AH
F7 NH	NG3 108-20	108 V	20 A	25	100-200 AH
F7 PH	NG3 120-18	120 V	18 A	22	90-180AH
F7 QG	NG3 132-16	132 V	16 A	19	80-160 AH
F7 RG	NG3 144-15	144 V	15 A	18	75-150 AH
F7 WG	NG3 156-14	156 V	14 A	17	70-140 AH
F7 SF	NG3 168-13	168 V	13 A	16	65-130 AH
F7 TF	NF3 180-12	180 V	12 A	14	60-120 AH
F7 UE	NG3 192-11	192 V	11 A	13	55-110 AH
F7 VE	NG3 216-10	216 V	10 A	12	50-100 AH
F7 XC	NG3 240-9	240 V	9 A	11	50-100 AH
F7 YB	NG3 288-8	288 V	8 A	10	50-100 AH
F7 YB	NG3 312-7	312 V	7.5 A	9	50-100 AH

## Technical Characteristics

Zivan battery chargers feature state-of-the-art high frequency technology.

- Adaptable to every use and very flexible.
  - CE certified.
  - Metal case base and ABS cover.
  - Coated printed circuit boards.
  - ZIVAN chargers are all microprocessor-controlled and internally protected against overload, short circuit, incorrect connection and voltage transients.
  - With an internal selector switch the chargers can adapt to every type of battery.
  - Increased battery life and reduction of water usage.
  - ZIVAN chargers operate at 85-90% efficiency for maximum savings of electric power cost.
- With the Thermal sensor option, the charger's output electronically compensates for temperatures ranging from 0° to 50°.
- Operating temperature from -20° to +50°.
  - Weight and size are minimized.