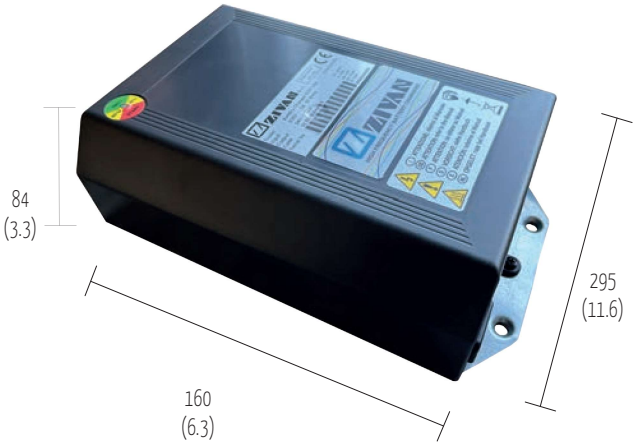
BATTERY CHARGER NG1 Lite

ZIVAN®
HIGH FREQUENCY BATTERY CHARGERS

ACCU66

Highlights

Designed for essential and cost-sensitive solution to charge 12V and 24V lead acid batteries chemistries, NG1 Lite battery charger ensures reliable performance and quality for aerial work platform, material handling and many others applications.



mm (Inch.) - Weight: 2,2 Kg (4.8 lbs)

Features

- **Robust and Powerful**
- **LED indicators for clear status** updates and instant fault alerts
- **Lead Acid battery type** over 30 years experience with charging algorithms development
- **CAN BUS Modular architecture** available ZIVAN proprietary system for remote charger and battery monitoring
- **Compatible with ZIVAN Console Pro**
- **Awarded by leading OEMs** in material handling, e-mobility and other sectors

Technical Features

MAINS SIDE

Ta=25°C (77°F) unless otherwise specified

DESCRIPTION	SYMBOL	TEST CONDITION	VALUE AND/OR RANGE	UNIT
Supply Voltage Single-phase	Vin	-	230 ± 10% 115 ± 10%	Veff
Frequency	f	-	50 ÷ 60	Hz
Absorbed Maximum Current per phase	If_{max}	$P = P_{max}$	5	Aeff *
Inrush Current	-	Vin=230Veff	2,7	A
Displacement Power Factor	DPF/cos φ	$P = P_{max}$	1	-
Power Factor	PF	$P = P_{max}$	0,68	-
Absorbed Maximum Power	Pri_{max}	$P = P_{max}$	850	W

* Maximum value. For the effective current absorption please refer to the charger's identification label.

BATTERY SIDE

DESCRIPTION	SYMBOL	TEST CONDITION	VALUE AND/OR RANGE	UNIT
Absorbed current	I_a	Equipment turned off	< 0,2	mA
Output voltage ripple	-	U = U1	< 1%	-
Maximum power supplied	P_{max}	U = U1, I = I1	720	kW

GENERAL

DESCRIPTION	SYMBOL	TEST CONDITION	VALUE AND/OR RANGE	UNIT
Operating temperature range	T	-	-20°C/+50°C (-4°F/+122°F)	°C (°F)
Maximum relative humidity	RH	-	90%	-
Efficiency	η	-	> 85%	-
Maximum size	a×b×c	without wiring harness	295 x 160 x 84 (11.6 x 6.3 x 3.3)	mm (Inch.)
Weight	-	without wiring harness	2,2 (4.8)	kg (lbs)
Enclosure class	-	-	IP20	-
Switching frequency	f_c	-	50 ± 5%	kHz

VOLTAGE	MAX. CURRENT
12 V	35 A
24 V	30 A

UK CA CE