BATTERY CHARGER SG9

ZIVAN®
HIGH FREQUENCY BATTERY CHARGERS

Highlights

Robust and powerful fast charger, ideal for harsh environment conditions. Designed for easy handling and transportation on the worksite.

Compliant to global standards and regulations, it has been awarded by leading OEMs in the Non-Road Mobile Machinery industry.





mm (Inch.) - Weight: 87 kg (191 lbs)

Features

- **Robust and Powerful**
- **Modular approach**
- **High protection level**
  for harsh environment (IP55)
- **All battery types (including Li-Ion)**
- **Optional "Trolley Kit"**
  (wheels and handles)
- **CANOpen and SAE J1939 Protocols**

Technical Features

MAIN SIDE

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

DESCRIPTION	SYMBOL	TEST CONDITION	VALUE AND/OR RANGE	UNIT
Supply Voltage 1-ph and 3-ph	Vin	-	100-240 [1-ph] 200-240 [3-ph], 400 [3-ph + N]	Vac
Frequency	f	-	50 ÷ 60	Hz
Absorbed Max. Current 1-ph and 3-ph	If_{max}	$P = P_{max}$	48A [1-ph] 27,7 A [3-ph], 16A [3-ph + N]	Aeff*
Inrush Current	-	Vin=nominal voltage	< 9	A
Power Factor	PF	$P = P_{max}$	0,98	-
Absorbed Maximum Power	Pin_{max}	$P = P_{max}$	9,9	kW

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

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	-	95%	-
Efficiency	η	-	Up to 93%	-
Maximum size	a×b×c	without wiring harness	1002 x 526 x 576 (39.4 x 20.7 x22.7)	mm (Inch.)
Weight	-	without wiring harness	87 (191)	kg (lbs)
Enclosure class	-	-	IP55	-

VOLTAGE	MAX. CURRENT
36 V	240 A
48 V	180 A
72 V	125 A
96 V	90 A
96 V/48 V MULTI VOLTAGE OUTPUT	90 A