

Alpha 900 Series Charger Power Supply



FEATURES

The ALPHA 900 Series of Battery Chargers have been designed to charge any current type of batteries. Fitted with a simple interface which includes all the necessary settings, operation monitoring.

The Alpha 900 can be used as power supply,

When fitted with (Optional) Quartz supervisor module, which will automatically maintain the batteries at the optimum charge level and provide information on total system.

To have total battery control the (Optional) Temperature probe kit can be specified.

Battery current setting: Allows to set the battery charging current.

Boost function: Raises the charging voltage by 3.8%.

Static Stop Command: Remote on/off control.

External voltage and current potentiometer adjust(Optional)Kits

SAFETY / EMC

NF C 58-311/EN 61204
LVD EN60950 EN 61204

EN 55011 & 55022 class A
EN61000

ELECTRICAL SPECIFICATIONS

INPUT

AC Input Voltage	187 to 264VAC
Frequency	47 - 63Hz
Power Factor (PFC)	>0.95
Power	1kVA Recommended Protection 6Amp

OUTPUT

Voltage (nominal)	12,24,48&110/120VDC
Power	See table below

LED Signals	Mains Present Output Voltage Present Mains Failure Summary Fault
Alarm contacts	Mains out of tolerance Summary Fault

Cooling	Natural convection
Operating temp	0 to 50 C
Dimensions	(W) 211mm x (L)335 mm x (H)123mm
Weight/Protection	4.7kg / IP20
Cooling	Natural convection

Model Number	VDC	I/Amp	Ripple p to p	Efficiency
Alpha 900.12.30	12	30Amp	<500mV	83%
: : 900.24.30	24	30Amp	<500mV	88%
: : 900.48.15	48	15Amp	<500mV	90%
: : 900.48.06	110	6Amp	<1V	89%

Specifications subject to change without notice

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