

Alpha 1800 Series Charger Power Supply



FEATURES

The ALPHA 1800 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 1800 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	2kVA Recommended Protection 16Amp

OUTPUT

Voltage (nominal)	12,24,48&110/120, 220/240 VDC
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) 261mm x (L)413 mm x (H)123mm
Weight/Protection	9.5kg / IP20

Cooling	Natural convection
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Model Number	VDC	I/Amp	Ripple p to p	Efficiency
Alpha 1800.6 008 584	12	60Amp	<500mV	83%
: : 1800.6 008 585	24	60Amp	<500mV	88%
: : 1800.6 008 586	48	30Amp	<500mV	90%
: : 1800.6 008 587	120/110	12Amp	<1V	89%
: : 1800.6 008 588	240/220	6Amp	<1V	91%

Specifications subject to change without notice

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