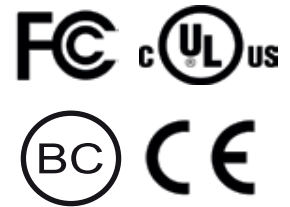


24V, 8A Lead Acid Battery Charger



Features

- RESNA Compliant
- CEC Compliant
- LED Indicators Charge State
- OVP, OTP, SCP
- Dual-Mode Charger
- Charges GEL or AGM batteries
- Max 12hrs Charging Time

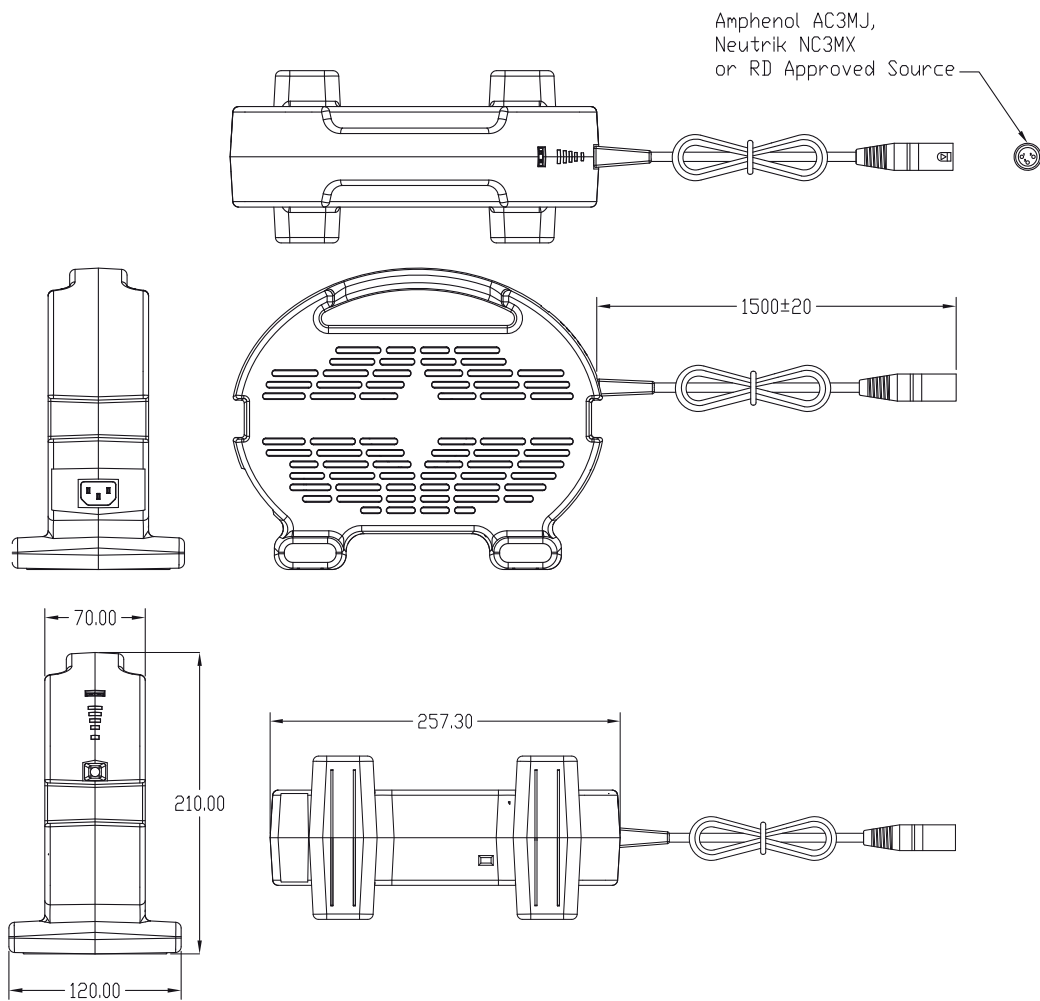
Applications

- Mobility Scooters
- Power Wheelchairs
- Electric Motorcycle

INTEGRITY
INNOVATION
CHALLENGE

Model name		DA200U-250A-R
Input	Input Rating	100 to 240VAC
	Input Current	2.5A(RMS)max for 115VAC; 1.35A(RMS)max for 230VAC
	Frequency	47-63 Hz
	Power factor	>.95 from 60%-100% load for 115VAC; >.90 from 60%-100% load for 230VAC
	Leakage Current	<0.1mA max at 254VAC
	Inrush Current	<60A max at 230VAC; <30A max at 115VAC(cold start at ambient 250C)
	Hold-up Time	16mS at input voltage of 230VAC/60Hz, output load 200Wmax
Output	Output Voltage Vmain	24V
	Current Charge	8A
	Ripple	100mV pk-pk @25°C ⁽¹⁾
	Output Voltage USB	5V
	Current Charge	0.5A
	Efficiency	84% at >115VAC at 200W
	Over-Voltage Protection	32V trip point. Output will remain off until power is recycled
	Over-Temp. Protection	Non-latching
	Short-Circuit Protection	The output can be shorted without damage
	Reverse Polarity Protection	Shall produce no more than 100mA of current or any damage
Battery Over-Charge Protection	Charger time-out. No greater than 12hrs, for bulk/absorption charging	
Environmental	Temperature	Operating: -25°C to 40°C
		Non-Operating -25°C to 70°C
		Humidity: 20% to 90% non-condensed
	Emissions	Complies with FCC Part 15 Class B
		Complies with EN55032 Class B
		Complies with EN61000-3-2:2014
		Complies with EN61000-3-3:2013
	Immunity	EN61000-4-2:2008
		EN61000-4-3:2006+A1:2007+A2:2010
		EN61000-4-4:2012
		EN61000-4-5:2014
		EN61000-4-6:2013
		EN61000-4-8:2009
Compliance	EN61000-4-11:2004	
	ISO 7176-14(RESNA)	
	IEC 60529-IPX1	
General	Insulation Resistance	>7M Ohm minimum, 500VDC
	Hi-Pot Test	Primary to Secondary:4242VDC for 1min, 10mA
	AC Input Connector(J1)	IEC C14 inlet
	DC Output Cable	SJT 18AWG Black; 1500mm±50mm
	Output Connector(main)	+24VDC(XLR connector):White, Pin1(connected to battery +) RTN(XLR connector):Black, Pin 2, 3(connected to battery -)
	Output Connector(USB)	USB Type-A

Model name		DA200U-250A-R
General	LED Indicator	Blue LED: charge on-off(blue LED not "on" when connected to the battery without AC power)
		4 Green LEDs(blinking green LEDs indicates AC power on): <ul style="list-style-type: none"> ●○○○ 25% full charge ●●○○ 50% full charge ●●●○ 75% full charge ●●●● 100% full charge
Outline	L x W x H	257.3mm(10.13in) x 120mm(4.74in) x 210mm(8.27in)
	Weight	1.5kg(3.31lbs)



Notes:

(1)The output is decoupled with 47uF parallel with 0.1uF capacitors; measurement is made with a high impedance probe, 100MHz bandwidth, across the decoupling capacitors