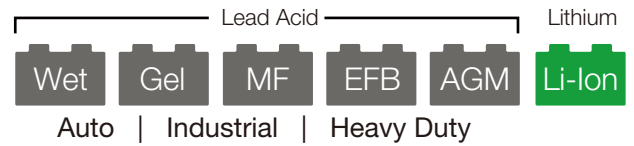


# QH Series



## Industrial Battery Charger



[www.aodicharger.com](http://www.aodicharger.com)



### Available Models

24V/35A

AODI QY Series is a highly durable and reliable on board charger with a 96% peak efficiency. Smart design is compatible to various of machines. Customized charging profiles is easy to assist customers in achieving battery charging flexibility. Applications include aerial work platforms and utility vehicles.



#### Efficient Design.

95% energy efficiency



#### Electronic Protection.

Reverse polarity protection, short circuit protection and overheat protection with Auto-reset



#### Optimization.

Precisely charge to balance the charge time and prolong the batteries life.



#### Tailored OEMS.

Tailored charging profiles and cabling.



#### Air cooling.

Aluminum enclosure, excellent cooling, durable, lower cost.



#### Smart, Compact.

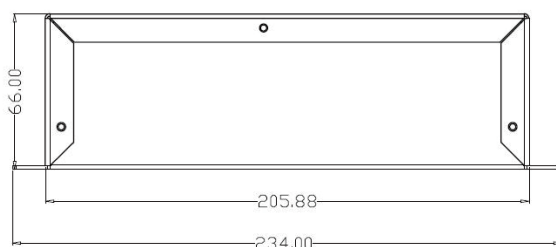
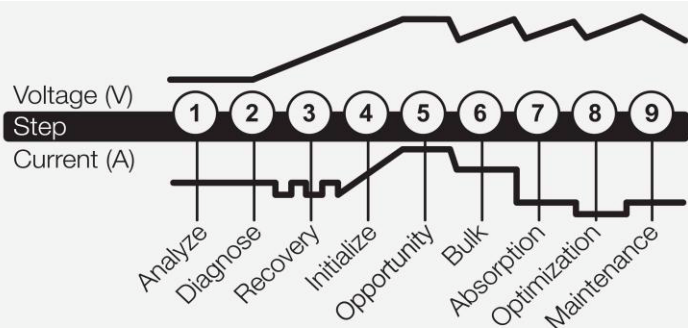
Well used for all kinds of utility vehicles. Specialized for Aerial Work platforms(Haulotte,Upright,Snorkel etc)

## Technical Specifications

Input Voltage AC:	230VAC,50-60HZ
Working Voltage AC:	185-265VAC,50/60HZ
Max Power:	1000W
Efficiency:	95% Approx.
Maximum Interlock Current:	0.5A
Battery Type:	Lead acid & Lithium-ion
Battery Chemistries:	Wet,Gel/AGM,Lithium-Ion
Reverse Polarity:	Electronic protection with auto-reset
Short Circuit:	Electronic current limit
Operating Temperature:	-104°F to 149°F(-40°C~+65°C), Derated at >104°F (40°C)
Storage Temperature:	-104°F to 185°F(-40°C~+85°C)

Dimensions(LxWxH):	9.2*4.13*2.6'' (234*105*66mm)
Net Weight:	4.85lbs/2.2kg
AC Input Connector:	IEC320 / C14 (requires country-specific cord)
DC Output Connector:	M6 threaded fasteners for ring terminals
Cooling:	Air cooling
Mounting Holes:	Allows for safe installation on shelf, wall or bulkhead
Relative humidity:	90%
Enclosure:	IP54

## Charging Steps



## Optional

### Remote LED Lights:

Easy to monitor the charging status

### Lockout (Interlock):

The charger provided a series of relay as the lock signal which is normally closed.

If charger's not energized,the relay's on,and once the charger connected to AC power, it will immediately disconnect.

### Cutout:

Select between flooded or AGM battery types.

## Charging Indicators

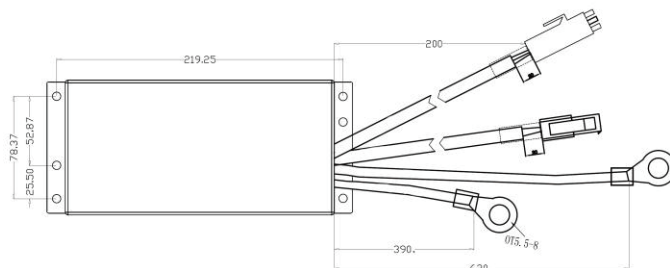
The LED is red during constant current;

The LED is yellow during constant voltage;

The LED is green, when the charge is complete;

The LED is OFF without main power;

The battery is charged when, the LED is green or flashing green.



## Master Carton:

Quantity: 4

Carton size: 342\*278\*260mm

Weight: 8.6kgs(18.95lbs)

Units per Pallet: 216units

