



# ABS0 Battery Chargers

Maximize charging and the life of your deep-cycle batteries

KISAE Abs0 line of smart battery chargers offers fully automatic, multi-stage battery charging, plus the ability to charge three (3) separate battery banks. The ultimate set-and-forget charger, these products incorporate special charging algorithms designed to quickly and accurately recharge and help maximize the life of **AGM, Gel, Flooded or Lithium batteries**. These chargers will also charge multiple battery chemistries simultaneously.

#### Additional Product Features:

**Digital LCD Display:** LCD display with backlighting allows simple and easy programming and at-a-glance charger status.

**Easy Installation:** Compact design and small product footprint mean this charger can be installed in tight areas. And easy-access AC and DC wiring compartments make installation a snap.

**Travel Abroad and Use Anywhere:** Auto-ranging AC

input voltage (90-270VAC, 47-63Hz) allows the chargers to be used world-wide.

**Silent Mode:** Unique setting for night-time use, the Silent Mode setting prohibits the charger's fan from running; ideal when the charger is located close to sleeping quarters.



# Abso Battery Chargers

Maintenance-free Battery Protection  
 Priority Bank Charging  
 Commercial / Residential / Leisure Use



Abso Battery Chargers	AC 1220	AC 1240	AC 1260	AC 2430
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## Output Rating

Output Voltage	12V	12V	12V	24V
Output Current (Maximum)	20A	40A	60A	30A

## DC Output

Selectable Battery Type	Gel, AGM, Flooded, Lithium, Program			
Charge	14.2 - 15.5V	14.2 - 15.5V	14.2 - 15.5V	28.4 - 31.0V
Float	13.4 - 13.8V	13.4 - 13.8V	13.4 - 13.8V	26.8 - 27.6V
Equalize (Flooded Battery Only)	16.0V	16.0V	16.0V	32.0V
Charging Control	Three / Two Stages, Program			
DC Output Bank	Three	Three	Three	Three
Parasitic Current	< 2mA	< 2mA	< 2mA	< 2mA

## AC Input

AC Input Voltage (Nominal)	120, 230, 240VAC	120, 230, 240VAC	120, 230, 240VAC	120, 230, 240VAC
AC Input Operating Range	90 - 265VAC	90 - 265VAC	90 - 265VAC	90 - 265VAC
AC Input Frequency Range	47 - 63Hz	47 - 63Hz	47 - 63Hz	47 - 63Hz
Power Consumption (Full Load)	350W	700W	1050W	1050W
Power Factor Correction	Yes	Yes	Yes	Yes

## Display Panel

Display	LCD with back lighting
Digital Display	Voltage, Current, Status and Error Code

## Protection

Reverse Battery	Yes	Yes	Yes	Yes
Cooling	Forced Ventilation	Forced Ventilation	Forced Ventilation	Forced Ventilation
Output Short Circuit	Yes	Yes	Yes	Yes
Ingress Protection	IP 32	IP 32	IP 32	IP 32

## Enclosure

AC Input Connection	Hardwire / AC Input Cord (Schuko, UK, Australia plug)			
DC Output Connection	Heavy Duty Studs			
Weight	5.3 lbs.	5.7 lbs.	8.8 lbs.	8.8 lbs.
Dimension	11.6 x 8.1 x 3.4"	11.6 x 8.1 x 3.4"	14.0 x 8.1 x 3.8"	14.0 x 8.1 x 3.8"



AC 1220 : 20A/12V Charger



AC 1240 : 40A/12V Charger



AC 1260 : 60A/12V Charger



AC 2430 : 30A/24V Charger

## Accessory (Optional)

Remote Panel	For viewing unit status, adjusting settings, and for connecting the chargers in parallel
Battery Temperature Sensor	For battery charging voltage adjustment