

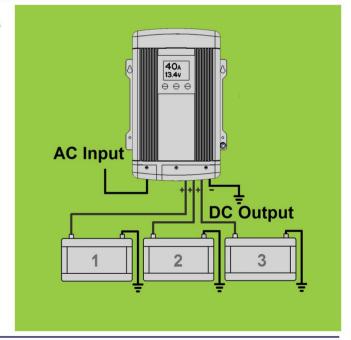
12V Series
AC 1220 (12V/20A)
AC 1240 (12V/40A)
AC 1260 (12V/60A)

24V Series
AC 2430 (24V/30A)



Optimal Charging and Maintenance for your Deep Cycle Batteries

- Multi-stage battery chargers ensure that your batteries are charged the way battery manufacturers recommend
- Small footprint, extremely compact design
- Ideal chargers for boaters and RV'ers
- Can be set for gel, flooded, AGM and lithium batteries.



Features and Benefits:

- Faster charge for your batteries
- Three 12V models to choose from: 20A (< 200 Ah batteries),
 40A (200 400 Ah batteries), 60A (> 400 Ah batteries)
- 24V model: 30A (> 200 Ah batteries)
- Travel abroad and use anywhere (accept 90 285 VAC input)
- Optional remote allows you to view system information
- Microprocessor controlled multi-stage charging algorithms: bulk, absorption, float settings for gel, flooded and AGM batteries
- Battery equalization feature for flooded batteries
- Priority bank charging ensures your main battery recharges first
- Silent mode for quiet operation and Charge up to three battery banks

Dimensions: (W x L x H)

AC 1220 8.1 x 11.6 x 3.4"

(206 x 295 x 86mm)

AC 1240 8.1 x 11.6 x 3.4"

(206 x 295 x 86mm)

AC 1260 8.1 x 14 x 3.8"

(206 x 356 x 96.5mm)

AC 2430 8.1 x 14 x 3.8"

(206 x 356 x 96.5mm)

Weight:

AC 1220 5.3 lb (2.4 kg)

AC 1240 5.7 lb (2.6 kg)

AC 1260 8.8 lb (4.0 kg)

AC 2430 8.8 lb (4.0 kg)

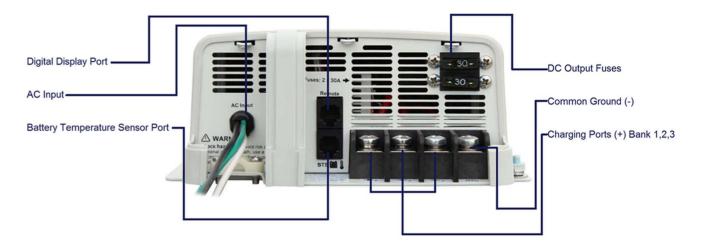


Abso Charger

Smart Chargers for Deep Cycle Batteries

12V Series: AC 1220, 1240, 1260

24V Series: AC 2430



Braduct Description	12V Series	24V Series	
Product Description	AC 1220 / 1240 / 1260	AC 2430	
Output Current (Total)	20A / 40A / 60A	30A	
Output Voltage Range			
Charge	14.2 - 15.5 V	28.4 - 31.0V	
Float	13.4 - 13.8 V	26.8 - 27.6V	
Equalize (Flooded Battery Only)	16.0 V	32.0V	
Charging Control	Three stages (Bulk/Absorption/Float) Two stages (Bulk/Absorption) Constant Power Supply (Program setting only) Priority Battery Bank Charging		
DC Output Bank	Three		
AC Input Voltage (Nominal)	120, 230, 240 VAC		
AC Input Operating Range	90 - 265 VAC		
AC Input Frequency Range	47 - 63 Hz		
Power Consumption (Full Load)	350W / 700W / 1050W	1050W	
Power Factor Correction	Yes		
Selectable Battery Type	Gel, AGM, Flooded, Lithium, Program		
Parasitic Current	< 2 mA		
Charger Efficiency	> 82%		
Temperature Setting	Hot, Normal, Cold (no temperature sensor connected)		
Temperature Sensor Port	Yes (for optional Battery Sensor use)		
Remote Display Port	Yes (for optional Remote Display use)		
Silent Mode	Yes (Output Power derated to ~ 50% with fan OFF)		
Cooling	Forced ventilation		
Protection:			
Reverse Battery	Yes (with user replaceable fuse)		
Over Charge	Yes, unit shutdown		
High Temperature		Yes, unit derated and shutdown	
Output Short Circuit	Yes, unit shutdown		
Display:			
LCD Display (with back lighting)	Charging status, Battery Voltage		
Warning and Fault Code	Yes, (E01 - 09)		
AC Input and DC Output Connection:			
AC Input connection		Hardwire or AC Input Cord (Schuko, UK, Aus plug)	
DC Output Connection (Positive)	Heavy Duty Studs (3 Banks)		
DC Output Ground Connection (Negative)	Single Heavy Duty Commo	on Ground Stud	
Accessories (optional)			
Remote Display	External Remote panel to show battery status		
Battery Temperature Sensor	Connect to battery for accurate battery temperature sensing		
PC Interface	Monitor the charger th	Monitor the charger through PC	









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