

# ProMariner™



## ProIsoCharge Series



### Significantly Smarter...

ProIsoCharge delivers digitally controlled alternator output distribution while protecting the health of engine start batteries, isolating and charging up to 3 other independent battery banks off of a single alternator (model specific). For dual engine applications, ProIsoCharge offers an exclusive 2 alternator input model with up to 4 battery banks. Save space and time by eliminating traditional diode based isolators and ancillary voltage sensitive relays or solenoids, isolating and charging multiple battery banks simultaneously. Eliminate typical alternator voltage loss of up to .6VDC that is commonly associated with traditional diode based isolators. Intelligent zero volt loss isolation insures fully charged batteries and faster charge times. Installed with the ProNautic P Series, a boat owner can enjoy the full benefit of shore power and on the water charging. Designed to provide more time on the water enjoying what you like most... boating.

### Intelligent Alternator Power Distribution System

#### ProMar Digital Performance Zero Volt Loss Isolation and Charging

All digital design delivers active battery status and automatic engine battery health priority while digitally distributing the full output of your engine's alternators.

#### Intelligent Isolation and Charging Software Control

ProIsoCharge's intelligent software control provides priority charging to a battery bank that is under load (i.e house bank or power inverter bank) by taking fully charged batteries off line and priority charging discharged battery banks, while insuring the health of the engine batteries.

#### Real Time LED Status Indicators

Highly visible LEDs to indicate alternator power is present and battery bank charging status. Fault LEDs include: high and low alternator output, over-voltage protection and high voltage conditions that may be present on any one of the battery banks connected (that are also connected to other charging sources gen set combi etc).

#### Ignition Controlled

Distributed On Demand™ battery bank management will only activate with ignition power on.

#### Advance Regulator Ready

Advance regulator remote sense connection provided for precision alternator algorithm control for alternators equipped with an advanced regulator.

#### Easy Installation

Modular design for easy install. Includes all terminal stud insulator boots and protective snap on safety cover.

#### Built-in Safety

Ignition protected and waterproof to IP66.



model	part no.	system volts DC	max DC amps	alternator Input	battery outputs	size	weight
ProIsoCharge120 1•2	23121	12	120 Amp	1	2	5.35"(l) x 5.875"(w) x 3.125"(h)	2 lbs
ProIsoCharge180 1•2	23122	12	180 Amp	1	2	6.15"(l) x 5.875"(w) x 3.125"(h)	3 lbs
ProIsoCharge120 1•3	23124	12	120 Amp	1	3	6.15"(l) x 5.875"(w) x 3.125"(h)	3 lbs
ProIsoCharge250 1•2	23123	12	250 Amp	1	2	6.95"(l) x 5.875"(w) x 3.125"(h)	4 lbs
ProIsoCharge180 1•3	23125	12	180 Amp	1	3	7.55"(l) x 5.875"(w) x 3.125"(h)	5 lbs
ProIsoCharge250 1•3	23126	12	250 Amp	1	3	8.875"(l) x 5.875"(w) x 3.125"(h)	6 lbs
ProIsoCharge130 2•4	23127	12	130 Amp	2	4	12.05"(l) x 5.875"(w) x 3.125"(h)	7 lbs
ProIsoCharge60 1•2	23241	24	60 Amp	1	2	5.35"(l) x 5.875"(w) x 3.125"(h)	2 lbs
ProIsoCharge100 1•2	23242	24	100 Amp	1	2	6.15"(l) x 5.875"(w) x 3.125"(h)	3 lbs
ProIsoCharge60 1•3	23245	24	60 Amp	1	3	6.15"(l) x 5.875"(w) x 3.125"(h)	3 lbs
ProIsoCharge150 1•2	23243	24	150 Amp	1	2	6.95"(l) x 5.875"(w) x 3.125"(h)	4 lbs
ProIsoCharge100 1•3	23246	24	100 Amp	1	3	7.55"(l) x 5.875"(w) x 3.125"(h)	5 lbs
ProIsoCharge150 1•3	23247	24	150 Amp	1	3	8.875"(l) x 5.875"(w) x 3.125"(h)	6 lbs
ProIsoCharge80 2•4	23248	24	80 Amp	2	4	12.05"(l) x 5.875"(w) x 3.125"(h)	7 lbs