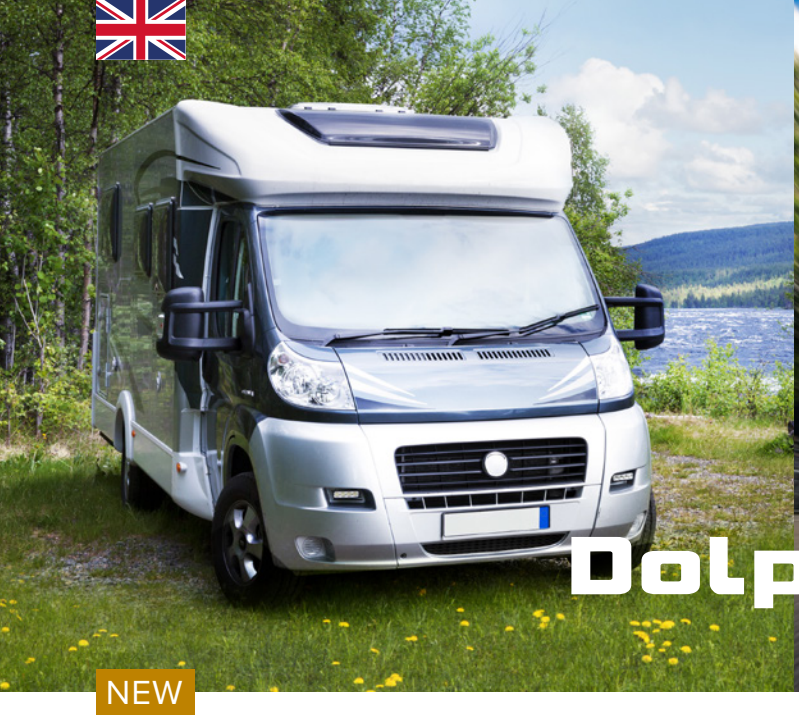


Dolphin® charger

NEW

Integral 12.25

2 Year WARRANTY

R10 CERTIFICATION for vehicle market

EURO 6

afaq ISO 9001 Qualité AFNOR CERTIFICATION

FRENCH DESIGN

Patent pending FR1914691 European Patent Office

Designed with OEM's requirement and using the latest technology, Integral is a new innovation from Dolphin Charger. A unit that combines 3 power functions in one box:

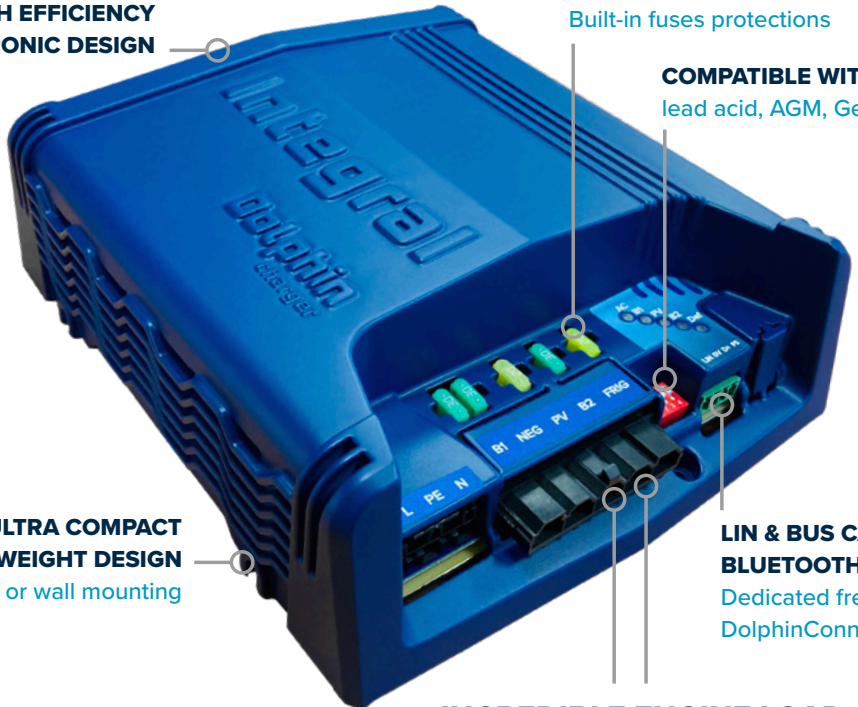
- **220 volts 15 amp battery charger**
- **25 amp + 18 amp DC/DC double output booster**
- **250 watts MPPT charge controller**

Preparatory document without contractual value

HIGH EFFICIENCY ELECTRONIC DESIGN

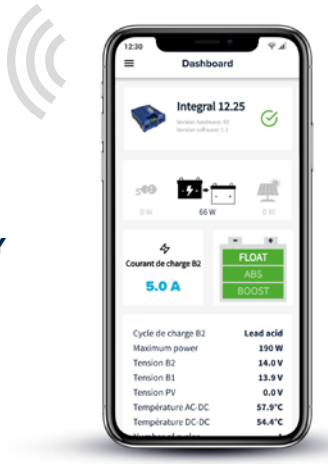
FAST AND SAFE INSTALLATION
Built-in fuses protections

COMPATIBLE WITH ALL TYPE OF BATTERY TECH
lead acid, AGM, Gel, Lithium



ULTRA COMPACT AND LIGHTWEIGHT DESIGN
flat or wall mounting

LIN & BUS CAN READY BLUETOOTH
Dedicated free DolphinConnect App



INCREDIBLE ENGINE LOAD
Unique double patented output

Auxiliary battery boosted load ≤ 25A Fridge powered ≤ 18A

www.dolphin-charger.com

EIGHT LAKES GROUP MEMBER OF

Technical specifications

	AC to B2 charger	B1 to B2 booster	PV to B2 solar MPPT	FRIG output
Input				
Input voltage	230V 50Hz +/-10%	12V to 16V	17V to 30V	B1 or B2
Input power (max)	200W	315W	250W	250W
Efficiency	92%	95%	95%	-
Output				
Output voltage	13,4V to 14,8V +/-2% (programmable)			
Output current (max)	15A	25A	20A	18A
Cycles charge	Lead, Gel, Agm, Lithium - Multi-states IUoU			
Protections				
AC access	Fuse			
B1 access	Under & over voltage, fuse			
B2 access	Under & over voltage, short circuit, over temperature, fuse			
PV access	Under & over voltage, fuse			
FRIG access	Fuse			
Generalities				
Operating t°	-10°C to +50°C			
Humidity	90% max (non-condensing)			
Weight	0,9Kg			
Dimensions	203 x 174 x 67 mm			
Fixing	Horizontally or vertically (2 screws Ø 4mm)			
Standards	CE, E2 marking			
External interfaces				
Display	Front LEDs			
Dipswitch	Cycles charge, with or without D+, FRIG selection			
AC access	WINSTA connector			
B1, B2, FRIG, PV access	Terminal block (max 10mm^2), or Mini-Fit Sr connector			
D+, PS access	WR-TBL connector			
LIN access	WR-TBL connector (option)			
CAN access	RJ9 connector (option)			
BLE	Bluetooth 5.1 (option)			

Wiring synoptic