



Dolphin[®] charger

NEW

Integral 12.25

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



EURO 6



Patent pending FR1914691 European Patent Office

**HIGH EFFICIENCY
ELECTRONIC DESIGN**

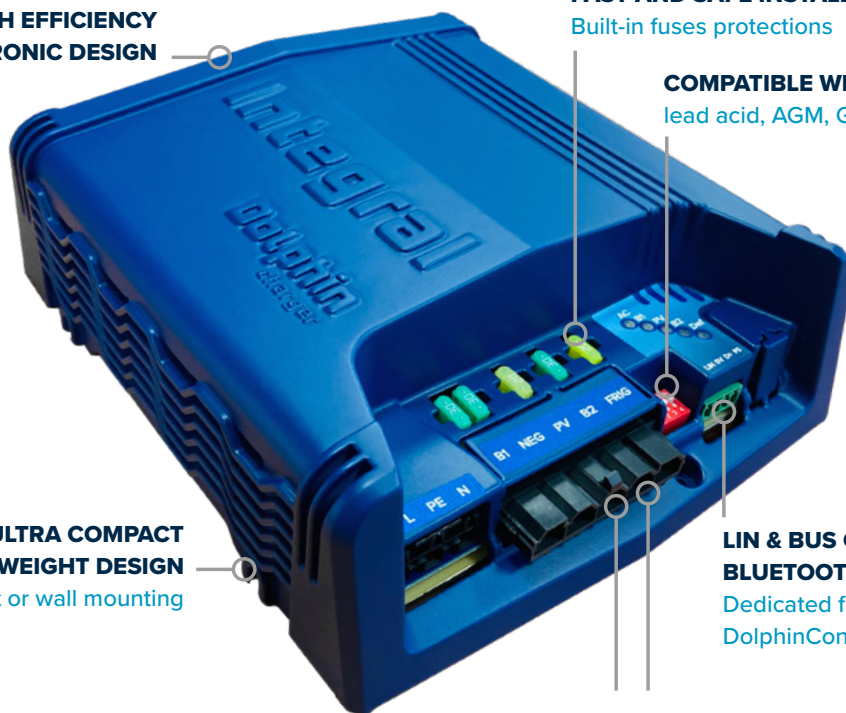
FAST AND SAFE INSTALLATION

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 $\leq 25A$ Fridge powered $\leq 18A$



Preparatory document without contractual value

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

