

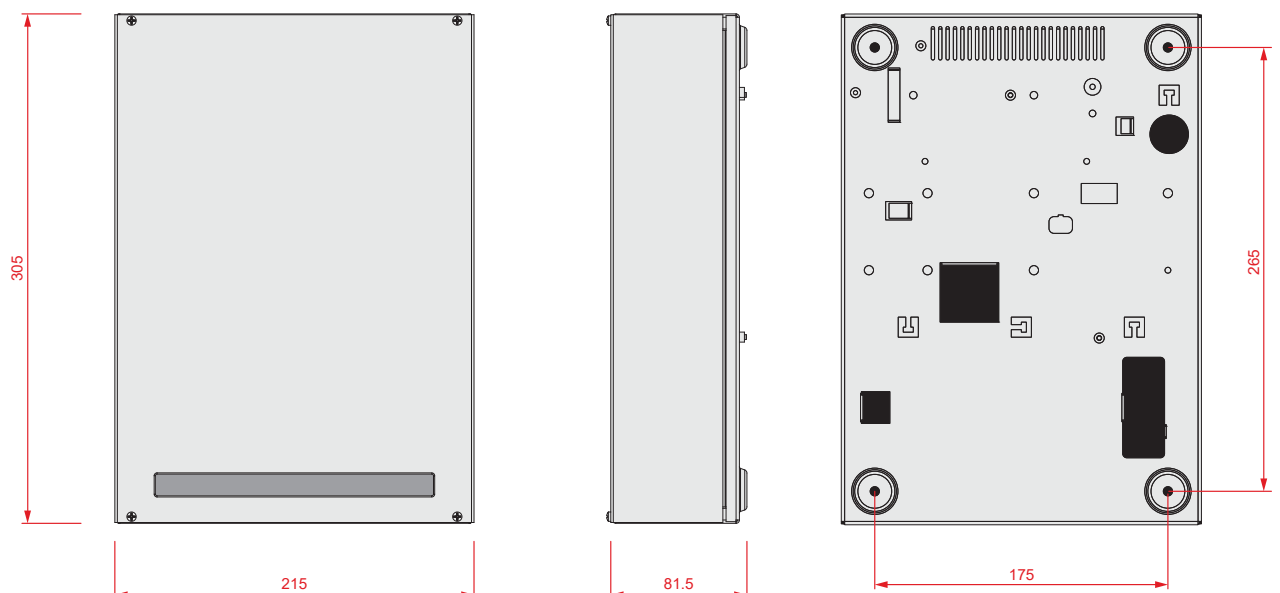
## BOXED SWITCHING POWER SUPPLY/BATTERY CHARGERS



INIM offers two switching power supply/battery charger units: the 3A model and the 5A model, in a in-box version. It consists of a switching power supply module housed in a metal cabinet where two batteries 12V can be housed too. All models provide a thermal probe input. This device protects the batteries against overheating and consequent permanent damage by measuring the battery temperature and regulating the power supply output voltage accordingly.

Main features	BPS12060S	BPS12060G	BPS12160G
Internal switching power-supply module	3.7A @ 13.8V		6.2A @ 13.8V
Input voltage	230V~ -15% +10%, 50-60Hz		
Maximum current draw 230V~	0.5A		1.1A
Output voltage	13.8Vdc nominal from 9 to 13,8Vdc		
Maximum output current	3A	total 3.7A for external load 2.5A for battery recharge 1.2A	total 6.2A for external load 5A for battery recharge 1.2A
Stability	higher than 1%		
Over-voltage protected	Yes	Yes	Yes
Short-circuit protected	Yes	Yes	Yes
Output voltage variations based on temperature (manages ProbeTH thermal probe)	Yes	Yes	Yes
Separate battery charger circuit	No	Yes	Yes
2 OC fault outputs	No	Yes	Yes
3 signal LEDs	No	Yes	Yes
Battery housing	7Ah		17Ah
Dimensions (HxWxD)	305x215x82 mm		497x379x92 mm
Weight (without battery)	2.2kg		5.3kg

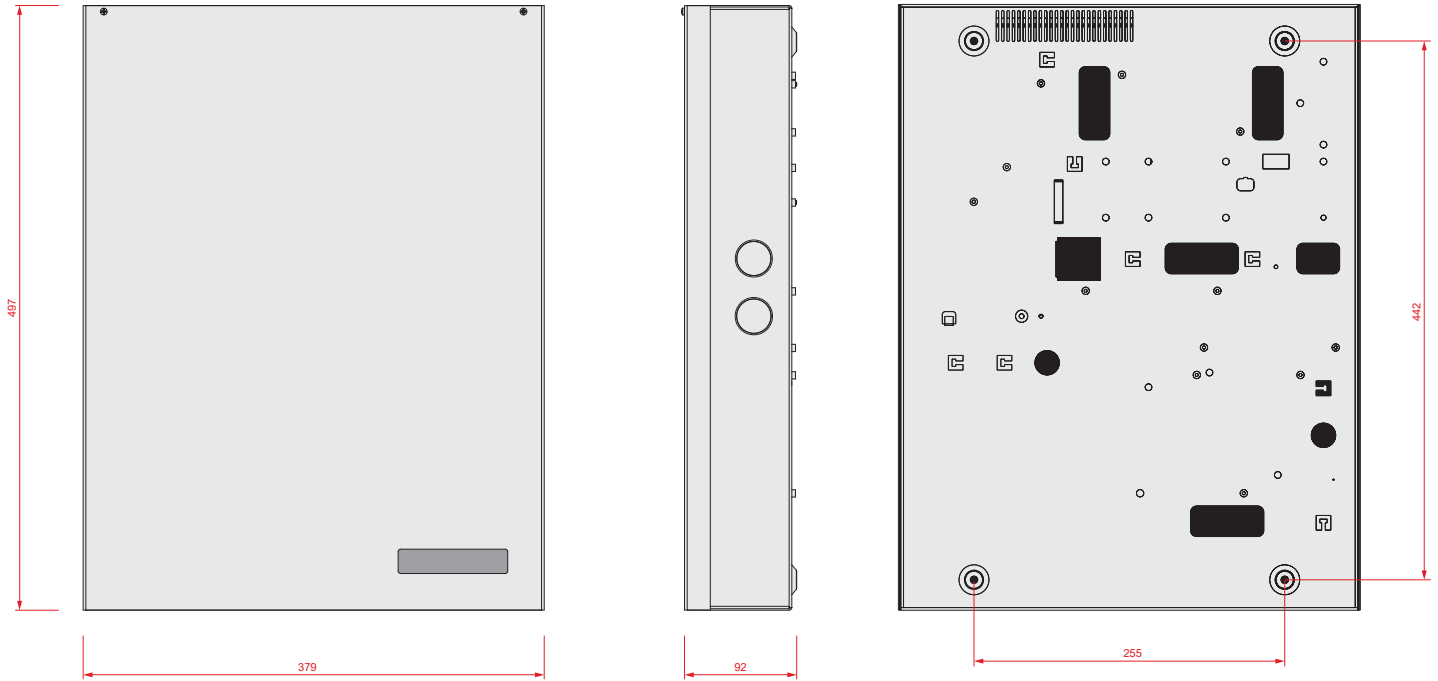
BPS12060S  
BPS12060G



# BPS12060S BPS12060G BPS12160G



## BPS12160G



## ORDER CODES

**BPS12060S:** switching power-supply, 3A, 13.8V, in metal box.

**BPS12060G:** switching power-supply, 2.5A+1.2A, 13.8V, in metal box, with separate battery charger.

**BPS12160G:** switching power-supply, 5A+1.2A, 13.8V, in metal box, with separate battery charger.



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