

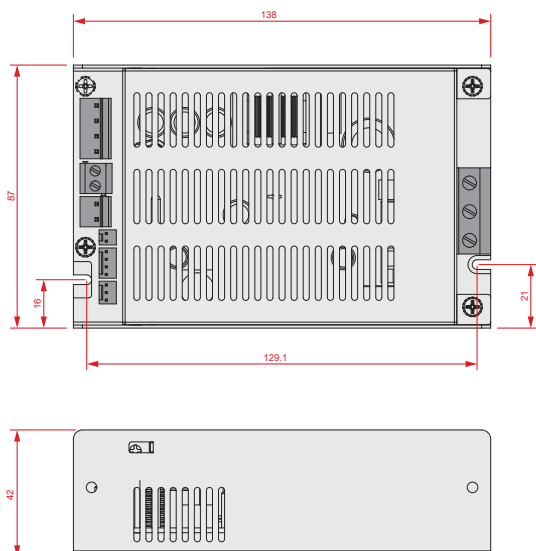
## POWER SUPPLY MODULES



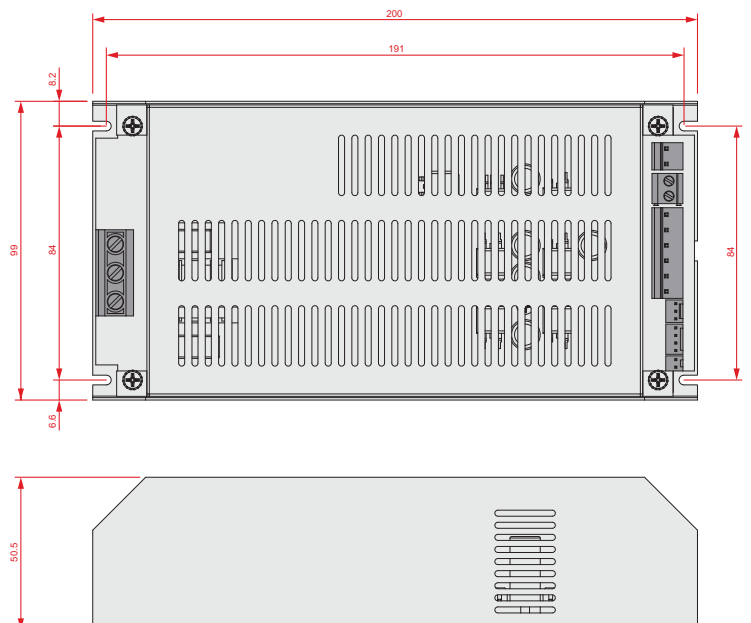
INIM offers two switching power supply/battery charger units: the 3A model and the 5A model. All models provide a thermal probe input. This device protects the batteries against overheating and consequent permanent damage by measuring the battery temperature and regulating the power supply output voltage accordingly.

Main features	IPS12060S	IPS12060G	IPS12160G
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
Dimensions (HxWxD)	42x138x87 mm		51x200x99 mm
Weight (without battery)	450g		800g

### IPS12060S IPS12060G



### IPS12160G



### ORDER CODES

**IPS12060S:** switching power-supply module, 3A, 13,8V.

**IPS12060G:** switching power-supply, 2.5A+1.2A, 13,8V, with separate battery charger.

**IPS12160G:** switching power-supply, 5A+1.2A, 13,8V, with separate battery charger.

IPS12060S  
IPS12060G  
IPS12160G



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Inim distributor's stamp  
and signature