



Charger SkyRC PC1080

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Unrivalled industrial drone charger

SkyRC PC1080 is a dual channel charger for industrial applications charging 6S lithium-polymer batteries. The charger is very safe and easy to use with a wide range of additional functions such as voltage meter, internal resistance meter, LiHV charging mode and synchronization mode.

Power and durability

Advanced mechanical design serves to save space. The best components of well-known brands guarantee stability and durability. The 32-bit high speed processor with STM microelectronics has up to 20 times the processing capacity. High-quality, large capacitors guarantee a long device life, while the condenser coating helps to withstand harsh environmental conditions and protects against moisture, dust, chemicals, corrosion and extreme temperatures. All these features make for an extremely stable charger operation in the field.

Active PFC

Active PFC (Power Factor Correction) uses device circuits to correct the amount of power consumed in such a way as to obtain the best power factor, achieving an efficiency of 93% (23% better than without PFC).

Automatic charging of 12 batteries

Mobilemax - Gadgets and Accessories

Rua Vasco da Gama n61, 8005-411, Estoi - Faro, Portugal
(Continente)

Phone: +351962484153
(Call to national mobile network)
Email: info@mobilemax.pt

After pairing the charger with G630 charging hubs, automatic charging management systems, the PC1080 is able to charge 12 LiPo batteries one by one according to their level of charge. The batteries with the highest level of charge will be charged first. Advanced mechanical design serves to save space. The best components of well-known brands guarantee stability and durability. The 32-bit high speed processor from STMicroelectronics has up to 20 times the processing speed.

Effective cooling

High speed double bearing fan with aluminium fin-type heat sink provides excellent ventilation and stable temperature necessary for the most efficient operation.

Chargers synchronization

The charger synchronization function allows users to control two or more chargers simultaneously over the data cable. All SLAVE chargers will mimic the parameters of the MASTER charger, which significantly reduces the charging time of many similar batteries.

Internal Resistance Meter

With this function, the internal resistance of each cell is displayed on the screen. The internal resistance is a key element, signaling the condition of the battery. A lower resistance indicates higher quality batteries. In addition, this value helps to pair your batteries.

Included

Specification

PC1080 charger
AC power cable
Data cable

Dimensions: 272 x 202 x 37 mm
Weight: 4.88 kg
Charging power: 1080 W (2x 540 W)
Discharge power: 100 W (2x 50 W)
Charging current: 1 A - 20 A x 2
Balancing current: 1,2 A
Battery type: LiPo/LiHv
Operating modes: charging with balancer, storage mode, charging mode
Number of loaded cells: 6 S

Price:

€ 262.00

RC models, Charging, Chargers, 230V