



# TATTU

less is more

General Series | High Voltage Series | Smart Series

Connector Information | Customized Services

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**GREPOW**

SHENZHEN GREPOW BATTERY CO.,LTD



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- Tattu, the sister brand of Gens Ace, focuses on Drones / Multirotors / UAV battery packs. We have a high reputation for our products' stable performance in the market.

- With advanced technology and exquisite craft, we are committed to supplying safe and stable batteries with long cycle lives for UAVs. Our superior raw material and strict production control system guarantee an outstanding performance from Tattu batteries.

- **Sufficient capacity for long fly time**

- **Stable performance for long time use.**

- Our Tattu brand focuses on the high capacity and high discharge rate of cells, as well as the efficient design, manufacturing, and assembling of battery packs. We use an advanced automatic stacking machine for cell production, which ultimately maintains consistency and a high quality of battery cells. We are one of the biggest battery manufacturers in the world, and we provide the best batteries with high discharge rate.

- Tattu products are an indispensable power source for a variety of fields such as aerial film and video, agricultural protection, geological survey, forest fire prevention, power line inspection, flood fight and rescue, and environmental monitoring.

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# 1 GENERAL SERIES

The Tattu batteries that are a part of the general series have a high capacity, high discharge rate, and great compatibility. They can be widely used for aerial photography, agricultural protection, security and surveys, etc.



## TATTU 6000mAh

Minimum Capacity: 6000mAh	Configuration: 6S1P /22.2V / 6cells
Discharge Rate: 35C	Net Weight(±20g): 885g
Connector Type: XT60	Wire Gauge: AWG10#
Discharge Wire Length: 120mm	Balancer Wire Length: 65mm
Dimensions: 148mm Length x 45mm Width x 59mm Height	



## TATTU 7000mAh

Minimum Capacity: 7000mAh	Configuration: 6S1P /22.2V / 6cells
Discharge Rate: 25C	Net Weight(±20g): 870g
Connector Type: XT60	Wire Gauge: AWG10#
Discharge Wire Length: 120mm	Balancer Wire Length: 65mm
Dimensions: 138mm Length x 42mm Width x 65mm Height	



## TATTU 8000mAh

Minimum Capacity: 8000mAh	Configuration: 6S1P /22.2V / 6cells
Discharge Rate: 25C	Net Weight(±20g): 1160g
Connector Type: XT60	Wire Gauge: AWG10#
Discharge Wire Length: 120mm	Balancer Wire Length: 65mm
Dimensions: 168mm Length x 65mm Width x 51mm Height	



## TATTU 9000mAh

Minimum Capacity: 9000mAh	Configuration: 6S1P /22.2V / 6cells
Discharge Rate: 25C	Net Weight(±20g): 1173g
Connector Type: EC5	Wire Gauge: AWG10#
Discharge Wire Length: 150mm	Balancer Wire Length: 65mm
Dimensions: 208mm Length x 73mm Width x 37mm Height	



## TATTU 10000mAh

Minimum Capacity: 10000mAh	Configuration: 4S1P /14.8V / 4cells
Discharge Rate: 25C	Net Weight(±20g): 940g
Connector Type: AS150	Wire Gauge: AWG10#
Discharge Wire Length: 120mm	Balancer Wire Length: 65mm
Dimensions: 169mm Length x 65mm Width x 39mm Height	



## TATTU 10000mAh

Minimum Capacity: 10000mAh	Configuration: 6S1P /22.2V / 6cells
Discharge Rate: 25C	Net Weight(±20g): 1400g
Connector Type: AS150	Wire Gauge: AWG10#
Discharge Wire Length: 120mm	Balancer Wire Length: 65mm
Dimensions: 165mm Length x 64mm Width x 59mm Height	



## TATTU 12000mAh

Minimum Capacity: 12000mAh	Configuration: 6S1P /22.2V / 6cells
Discharge Rate: 15C	Net Weight(±20g): 1620g
Wire Gauge: AWG10#	Connector Type: AS150+XT150/EC5/ XT90
Discharge Wire Length: 120mm	Balancer Wire Length: 65mm
Dimensions: 184mm Length x 71mm Width x 61mm Height	



## TATTU 14000mAh

Minimum Capacity: 14000mAh	Configuration: 6S1P /22.2V / 6cells
Discharge Rate: 25C	Net Weight(±20g): 1870g
Connector Type: XT90S	Wire Gauge: AWG10#
Discharge Wire Length: 150mm	Balancer Wire Length: 65mm
Dimensions: 233mm Length x 68mm Width x 55mm Height	



## TATTU 16000mAh

Minimum Capacity: 16000mAh	Configuration: 4S1P /14.8V / 4cells
Discharge Rate: 15C	Net Weight(±10g): 1241g
Wire Gauge: AWG10#	Connector Type: EC5
Discharge Wire Length: 120mm	Balancer Wire Length: 65mm
Dimensions: 180mm Length x 74mm Width x 44mm Height	



## TATTU 16000mAh

Minimum Capacity: 16000mAh Configuration: 6S1P /22.2V / 6cells  
 Discharge Rate: 15C Net Weight(±10g): 1990g  
 Wire Gauge: AWG10# Connector Type: AS150 +XT150  
 Discharge Wire Length: 120mm Balancer Wire Length: 65mm  
 Dimensions: 193mm Length x 77mm Width x 66mm Height



- Up to 4.35V per cell
- Additional 15% usable capacity
- Longer flight time and cycle life



## TATTU 22000mAh

Minimum Capacity: 22000mAh Configuration: 4S1P /14.8V / 4cells  
 Discharge Rate: 25C Net Weight(±10g): 1673g  
 Connector Type:EC5 Wire Gauge: AWG10#  
 Discharge Wire Length: 120mm Balancer Wire Length: 65mm  
 Dimensions: 195mm Length x 91mm Width x 43mm Height



## Tattu HV 16000mAh

Minimum Capacity: 16000mAh Configuration: 6S1P /22.8V / 6cells  
 Discharge Rate: 15C Net Weight(±20g): 1870g  
 Wire Gauge: AWG10# Charge Plug: XT90-S  
 Discharge Wire Length: 150mm  
 Dimensions: 190mm Length x 76mm Width x 61mm Height



## TATTU 22000mAh

Minimum Capacity: 22000mAh Configuration: 6S1P /22.2V / 6cells  
 Discharge Rate: 25C Net Weight(±10g): 2509g  
 Charge Plug: AS150 +XT150 Wire Gauge: AWG10#  
 Discharge Wire Length: 120mm Balancer Wire Length: 65mm  
 Dimensions: 195mm Length x 91mm Width x 64mm Height



## Tattu HV 17000mAh

Minimum Capacity: 17000mAh Configuration: 6S1P /22.8V / 6cells  
 Discharge Rate: 15C Net Weight(±30g): 1860g  
 Wire Gauge: AWG10# Charge Plug: XT150+AS150  
 Discharge Wire Length: 150mm  
 Dimensions: 195mm Length x 78mm Width x 64.5mm Height



## TATTU 28000mAh

Minimum Capacity: 28000mAh Configuration: 6S1P /22.2V / 6cells  
 Discharge Rate: 25C Net Weight(±10g): 3505g  
 Connector Type:AS150&XT150 Wire Gauge: AWG10#  
 Discharge Wire Length: 150mm Balancer Wire Length: 65mm  
 Dimensions: 205mm Length x 121mm Width x 67mm Height



## Tattu HV 23000mAh

Minimum Capacity: 23000mAh Configuration: 6S1P /22.8V / 6cells  
 Discharge Rate: 25C Net Weight(±30g): 2470g  
 Wire Gauge: AWG10# Charge Plug: AS150 + XT150  
 Discharge Wire Length: 150mm  
 Dimensions: 210mm Length x 93mm Width x 66mm Height



## TATTU 30000mAh

Minimum Capacity: 30000mAh Configuration: 6S1P /22.2V / 6cells  
 Discharge Rate: 25C Net Weight(±10g): 3505g  
 Connector Type:AS150&XT150 Wire Gauge: AWG10#  
 Discharge Wire Length: 150mm Balancer Wire Length: 65mm  
 Dimensions: 217mm Length x 120mm Width x 65mm Height



## Tattu HV 25000mAh

Minimum Capacity: 25000mAh Configuration: 6S1P /22.8V / 6cells  
 Discharge Rate: 10C Net Weight(±20g): 2577g  
 Wire Gauge: AWG8# Charge Plug: XT90-S  
 Discharge Wire Length: 150mm  
 Dimensions: 207mm Length x 91mm Width x 65mm Height

# 3 SMART SERIES

The smart battery line is specially designed for UAVs. Tattu smart batteries combine high performance, low power MCU, and an advanced BMS (battery management system) in order to provide users with a clearer understanding of their batteries' status. Multiple protection features have been adapted for a better flying experience.



**Intelligent Display**  
Shows charging state



**Intelligent Management**  
Cell abnormal alert; Over voltage and under voltage alert; Over Temperature and low temperature alert;



**Intelligent Storage**  
Self-balancing function; Self-discharge function at 100%SOC Storage



**SMBus Communication Port:**  
Shows battery information



## Tattu Plus 10000mAh

Minimum Capacity: 10000mAh Configuration: 6S1P /22.2V / 6cells  
 Discharge Rate: 25C Net Weight(±10g): 1466g  
 Wire Gauge: AWG58# Charge Plug: AS150 + XT150  
 Discharge Wire Length: 160mm  
 Dimensions: 186mm Length x 70mm Width x 53mm Height



## Tattu Plus 22000mAh

Minimum Capacity: 22000mAh Configuration: 6S1P /22.2V / 6cells  
 Discharge Rate: 25C Net Weight(±10g): 2063g  
 Wire Gauge: AWG8# Charge Plug: AS150 + XT150  
 Discharge Wire Length: 160mm  
 Dimensions: 288.5mm Length x 112.5mm Width x 165.5mm Height



### The updated version with high performance

- Communication protocol
- Self-inspection
- Current detection
- Abnormal log
- SOC Indicator
- Discharge cycle recording
- Ultra-Low power consumption



## Tattu Plus 1.0 16000mAh

Minimum Capacity: 16000mAh Configuration: 12S1P /44.4V /12cells  
 Discharge Rate: 15C Net Weight(±10g): 4740g  
 Wire Gauge: AWG8# Charge Plug: AS150U  
 Discharge Wire Length: 230mm  
 Dimensions: 90mm Length x 163mm Width x 224mm Height



## Tattu Plus 12000mAh

Minimum Capacity: 12000mAh Configuration: 6S1P /22.2V / 6cells  
 Discharge Rate: 15C Net Weight(±10g): 1640g  
 Wire Gauge: AWG8# Charge Plug: AS150 + XT150  
 Discharge Wire Length: 160mm  
 Dimensions: 202mm Length x 76mm Width x 61mm Height



## Tattu Plus 1.0 22000mAh

Minimum Capacity: 22000mAh Configuration: 12S1P /44.4V /12cells  
 Discharge Rate: 25C Net Weight(±100g): 6000g  
 Wire Gauge: AWG8# Charge Plug: AS150U  
 Discharge Wire Length: 230mm  
 Dimensions: 172mm Length x 116mm Width x 235.5mm Height



## Tattu Plus 16000mAh

Minimum Capacity: 16000mAh Configuration: 6S1P /22.2V / 6cells  
 Discharge Rate: 15C Net Weight(±10g): 2040g  
 Wire Gauge: AWG8# Charge Plug: AS150 + XT150  
 Discharge Wire Length: 160mm  
 Dimensions: 214mm Length x 96mm Width x 68mm Height

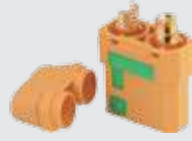


## Tattu Plus 2.0 Pro 16000mAh

Minimum Capacity: 16000mAh Configuration: 12S1P /44.4V /12cells  
 Discharge Rate: 15C Net Weight(±100g): 5000g  
 Wire Gauge: AWG8# Charge Plug: AS150U-F  
 Discharge Wire Length: 230mm  
 Dimensions: 166.5mm Length x 113mm Width x 290mm Height

## 4 Connector Information

All products can be fitted to the following discharge plugs.



Plug Type:	XT90S
Constant Current:	60A
Peak Current:	100A



Plug Type:	XT150
Constant Current:	80A
Peak Current:	150A



Plug Type:	AS150
Constant Current:	100A
Peak Current:	150A



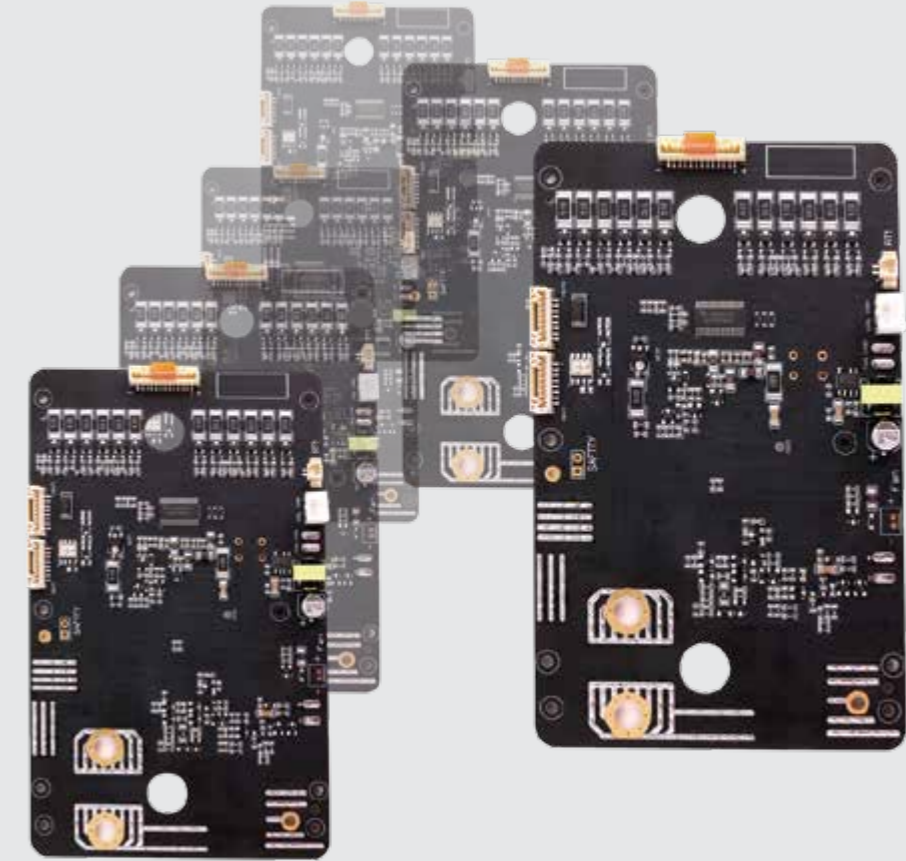
Plug Type:	XT60
Constant Current:	40A
Peak Current:	70A



Plug Type:	EC5
Constant Current:	70A
Peak Current:	110A

## 5 Customized SMART BMS

Current/ Voltage/ Temperature protections,  
Communication protocol  
Customized as request  
Up to 14S, customized to match all Grepow cells



**Customized SMART BMS**