

## Charging System for UAV Battery Packs

### General Description

The system is specifically designed for Lithium-Ion battery packs used in unmanned aerial vehicles (UAVs). Built to meet demanding operational requirements, the charger system demonstrates the company's advanced engineering capabilities and its ability to tailor solutions to customer-specific needs.

### CHARGING CHANNEL SYSTEM SPECIFICATIONS

Item	Specification
<b>Description</b>	4-channel charger system with BMS / 4-channel without BMS
<b>Electronic System</b>	Per 4 channels: Switch / Circuit breaker
<b>Input Voltage</b>	200–250VAC, 3-pin IEC cold connector (female)
<b>Charger Connector</b>	D38999/26WC35SN
<b>Case</b>	Explorer 5833 Trolley Case (580×440×330mm), IP65 sealed

### 1×CHANNEL CHARGER + BALANCER SPECIFICATIONS

Item	Specification
<b>Description</b>	Single-channel 12S Li-Ion/Polymer Charger + Balancing System
<b>Electronic System</b>	48VDC input, 8A 12S Li-Ion Charger, Screen Indication for Charging & Balancing
<b>Charging Voltage</b>	Up to 58.8 VDC
<b>Charging Power</b>	400W
<b>Charger Connector</b>	D38999/26WC98SN (M1), D38999/26WC35PN (M2)