

QUINT UPS-IQ

Physical Aspects

UPS, Battery Modules & System

Power Solutions

UPS Review

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QUINT IQ UPS

1. Diagnostic Contacts
Alarm - Battery Low, Fuse blown
2. Battery Backup Time Setting
3. Battery Status -Amount of charge left in the battery
4. Buttons to Remove/Insert Flash
Flash used to store/move configuration
5. Connections to the battery
6. DC Input connection from the power supply
7. UPS output connections to the load
8. Battery communications connection
9. Configuration/monitoring port (use is optional)
10. DC Input LED
24Vdc is present from the power supply
11. Battery Charge/Mode yellow LED
Blinking = Battery is charging
Solid = Battery is buffering the load
12. Alarm red LED
On = Battery low or fuse blown
13. Remote Shutdown inputs
Connect to a PLC output or relay contact
Used to turn off the UPS remotely. Ex: PLC Output or relay contact

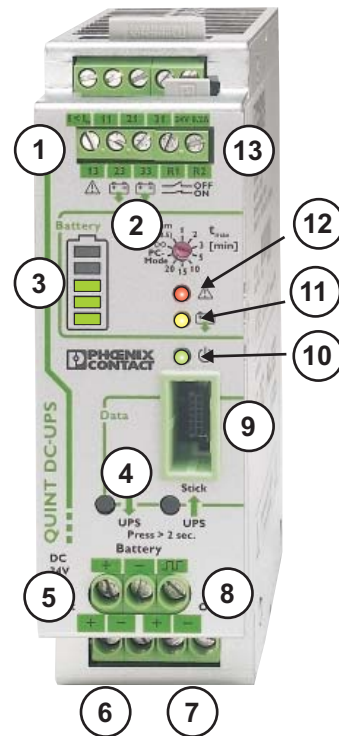


Figure 1. UPS Physical Aspects

Intelligent Battery Module

1. Panel mount bracket
2. Sealed batteries (AGM/VRLA)
3. Maintenance access
4. Connections to UPS for battery and communications link.
5. Battery electronics for monitoring
6. Back side, DIN-rail connector

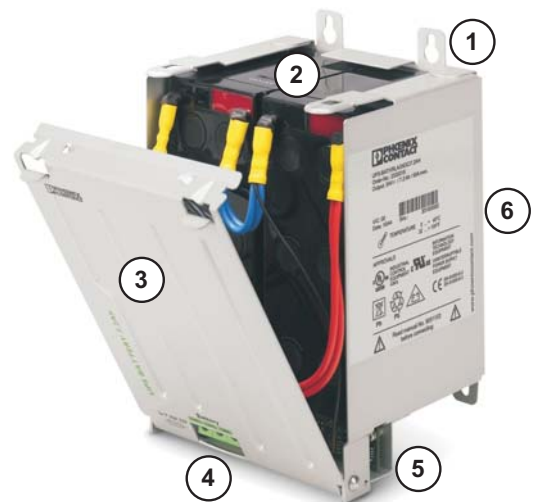


Figure 2. Battery Module Physical Aspects

QUINT IQ System

1. AC to DC Power Supply
2. DC UPS
3. Battery Module
4. AC power in
5. Connections to non-critical loads
6. Connections to critical loads
7. Black wire allows for communications between the battery and UPS
8. Power supply monitoring outputs
9. Power Boost indication to allow UPS to make proper charging choices
10. UPS status contacts

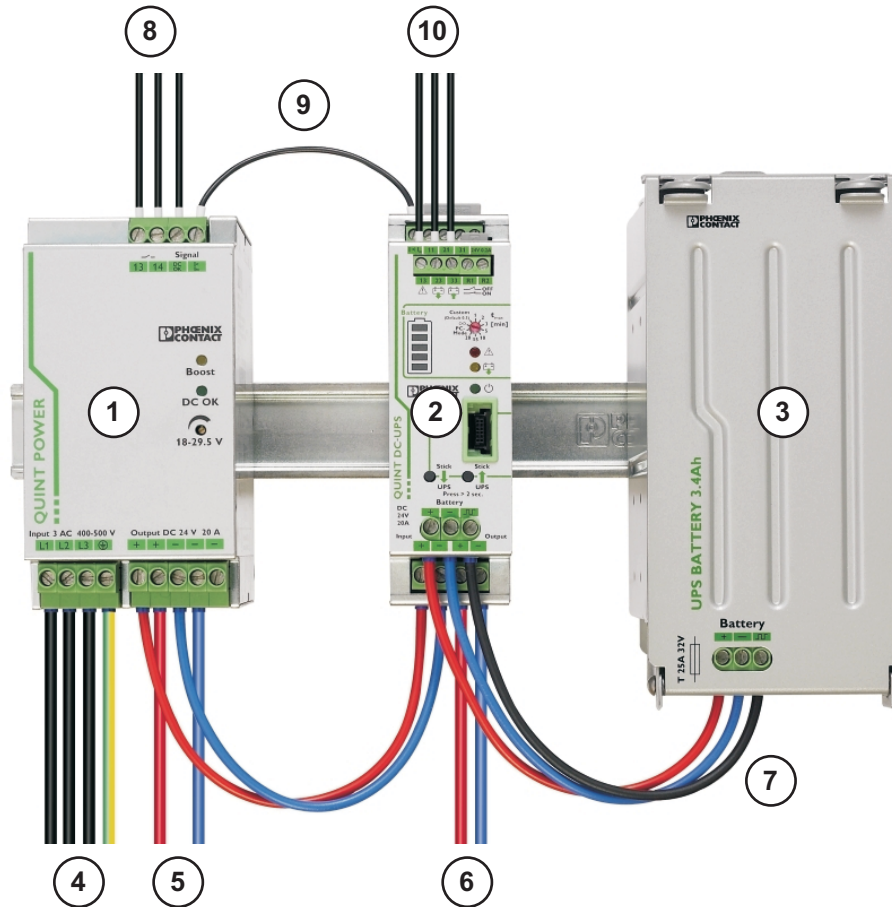


Figure 3. QUINT IQ System Physical Aspects