```
// Pseudocode for Data Collection from ESP32 using C++

// Define necessary components
Define voltage sensor input pin
Define amperage sensor input pin
Define constants for max voltage, max amperage, and ADC resolution

// Initialization function
Function SETUP
    Initialize serial communication
    Initialize voltage sensor
    Initialize amperage sensor
    Initialize real-time clock if available

// Main loop function
Function LOOP
    voltage = Read voltage from sensor
    amperage = Read amperage from sensor
    timestamp = Get current time from RTC or system clock
    deviceID = Retrieve device identification

    Display or store the timestamp, device ID, voltage, and amperage
    Wait for a short interval before repeating

// Function to read voltage
Function READ VOLTAGE SENSOR
    Read analog value from voltage sensor pin
    Convert analog value to voltage based on ADC resolution and max voltage
    Return voltage

// Function to read amperage
Function READ AMPERAGE SENSOR
    Read analog value from amperage sensor pin
    Convert analog value to amperage based on ADC resolution and max amperage
    Return amperage

// Function to get formatted timestamp
Function GET FORMATTED TIMESTAMP
    Fetch or generate current timestamp
    Format timestamp in human-readable form
    Return timestamp

// Function to get device ID
Function GET DEVICE ID
    Define or retrieve device ID
    Return device ID

// Additional setup functions as needed for sensors and RTC
```