

Measure. Track. Reset.

DIY 100A DC 6-in-1 energy meter with included shunt for solar and battery systems



100A

DC 6-in-1 meter
Supply 14–120V
Measure 0–200V

V · A · W · Wh
Ah · Temp

Shunt included
DIY install

Owner electrical truth: supply **14–120V**; measure **0–200V**; **100A shunt included**; **DIY** tone. Two different voltage parameters — not a conflict.

Your exact product

SKU **1xDC-PARAM** · Brand **amiciSense** (handle)
Product ID **8360561475739** · Version 1.0 · 19 September 2026

Find the help you need

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02 / OVERVIEW

Meet the meter

One display for voltage, current, power, energy, amp-hours and temperature.

What you get

Compact DC monitor for solar arrays, battery banks and other high-current DC systems. Kit includes a **100A shunt** (owner confirmed). Single SKU 1xDC-PARAM.

Two voltages — both correct

Supply (powers the meter): 14V–120V.

Test / measure range: 0–200V.

Do not treat these as one conflicting range.

DIY tone

Owner direction restores DIY-friendly install language. Still follow polarity, shunt orientation and fuse/breaker practice on 100A-class DC circuits.

Install with care

DIY-friendly — but DC polarity mistakes can destroy meters and batteries.

Plan the circuit

1. Confirm meter supply stays within 14–120V.
2. Confirm measured bus within 0–200V and current within 100A with the included shunt.
3. Fit an appropriate fuse/breaker for cable and load.

Wire meter and shunt

Follow the on-device / listing diagram. Observe shunt orientation and sense leads. Reverse polarity can destroy the meter.

First power-up

Energise, confirm V/A readings, then clear Wh/Ah if you want a fresh session.

No supplier PDF for this SKU. Manual built from live listing plus owner electrical locks. Prefer on-device labels if diagrams conflict.

Daily operation

Read live values and reset accumulators when starting a new session.

Six parameters

Voltage, current, power, energy (Wh), amp-hours and temperature (listing). Temperature window about -9°C to 99°C .

Reset energy / Ah

Use the menu long-press / reset action on the listing / silkscreen to clear accumulated energy or Ah for a new session.

Good practice

Re-check shunt joints after transport. Watch temperature on battery banks. Replace damaged sense leads before relying on Wh totals.

Technical reference

Owner-locked electrical truth for this listing.

Item	Value	Basis
SKU	1xDC-PARAM	Shopify
Brand (handle)	amiciSense	Handle
Meter type	DC 6-in-1 energy / power monitor	Listing
Supply voltage (powers meter)	14V–120V	Owner
Measure / test voltage	0–200V	Owner
Current (with included shunt)	100A class	Owner + listing
Shunt	100A shunt included	Owner
Parameters	V, A, W, Wh, Ah, temperature	Listing
Temperature window (listing)	About –9°C to 99°C	Listing
Install tone	DIY	Owner
Source PDF	None — listing + owner	Evidence

Troubleshooting and support

Observation → next step.

Observation	Next step
Blank display	Confirm supply 14–120V and polarity to meter power pins.
Voltage reads wrong	Confirm measure channel vs supply; check sense wiring.
Current ~0 with load	Check shunt orientation, sense leads, load path through shunt.
Wh/Ah will not clear	Use listing long-press reset; confirm key combo on silkscreen.
Overheating joints	Isolate DC, retorque shunt bolts, inspect cable gauge.

Contact amiciKart support

Open product page

Sources and limits

What we know — and what we did not invent.

Owner locks

Supply 14–120V · Measure 0–200V · 100A shunt included · DIY tone.

Evidence

Live listing product.js + guided draft for 8360561475739. No Product Manuals source PDF found.

Unresolved

Brand string sometimes says amiciKart in body while handle is amiciSense. Cutouts deferred. No calibration certificate on listing.