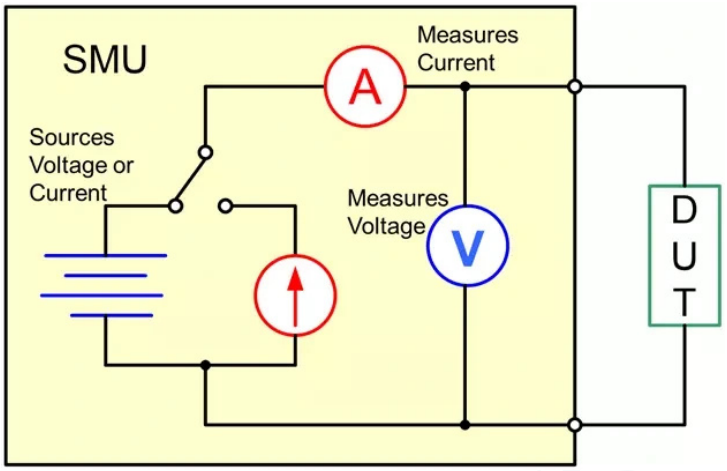
SMU / ±30 V / ±25 A Four-quadrant source-measure system

Confirm the test object, ranges, acquisition method, environment and required calibration evidence.



Mechanical or principle illustration, not a product photograph

Parameters

Output voltage options	±30V
Output current	±25A
Reference accuracy	0.01%
Measurement channels	1–4 channels, optional
Acquisition rate	Up to 5 μs/point; 200k/s
Measurement points	1--100000
Measurement time	5μs--1000s
Oversampling	Supported

Applications & selection

Electrical characterization of solar cells, LPCs or semiconductor devices, and illumination/aging test configuration assessment.

Voltage, current and power limits must be checked against the operating area; they are not assumed simultaneous.
Reference values support selection. Confirm final configuration and acceptance conditions in the technical agreement. A power class is not guaranteed output under every operating condition.