

ABSTRACT

A contact function-equipped multichannel charge/discharge power supply 10 has: first and second charge/discharge probes 12, 13 respectively connected to positive and negative electrodes of secondary batteries 11 and first and second voltage-measurement probes 14, 15 respectively connected to the positive and negative electrodes of the batteries 11; and charge/discharge means 16 each provided for each of the batteries 11 and each connected to a pair of the first and second charge/discharge probes 12, 13. The power supply 10 includes: trays each having a right-angled-quadrilateral shape in plan view, in which the batteries 11 are arranged longitudinally and laterally at predetermined intervals; and substrates each having the charge/discharge means 16 provided along the batteries 11 arranged in each line in one direction, wherein the substrates are each provided with the first and/or second charge/discharge probes 12, 13 corresponding to the batteries 11 arranged in the each line in the one direction.