

## Overview

The PAL-ADP-50AN is a parallel adapter for adjusting the charging current of multiple controllers connected to the battery in parallel, which also monitors the charging and operational status in real-time. The adapter automatically changes the charging and operational status of the controllers according to the battery level to prolong the controller lifetime.



## Features

- Achieve the consistency of parameters for multiple controllers
- Equalize charging feature to smart control the charging current of each controller
- Monitor the working status and smart control the operation quantity of the controller
- Up to 6 controllers are supported
- Standard Modbus communication protocol and related PC Monitoring Software
- The 1-click setting for baud rate switch between 9600 and 115200
- LED indicator for operational status

## Technical Specifications

Item	PAL - ADP - 50AN
Apply to model	Tracer AN(50-100A) series solar controller
Input voltage	5VDC(Directly provided by the controller)
Operation power consumption	0.25W
Serial port baud rate	9600 115200(Default)
Overall dimension	151.5*69.9*25.7mm
Mounting Dimension	133.4mm
Mounting hole size	Φ6.5
Working temperature	-35~55℃
Enclosure	IP30
Weight	30g