Solinteg Parallel Connection Soltuion

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Brief Introduction

Solinteg provides two methods of parallel connection: Master-Slave Parallel and Datalogger Parallel. These are suitable for all Solinteg inverters and can be utilized in both on-grid and off-grid scenarios, enabling our customers to expand their system capacity and easily integrate other devices.

1 Master-Slave Parallel Connection

2 Datalogger Parallel Connection

Master-Slave Parallel Connection

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SOLINTEG PARALLEL

Datalogger Parallel Connection
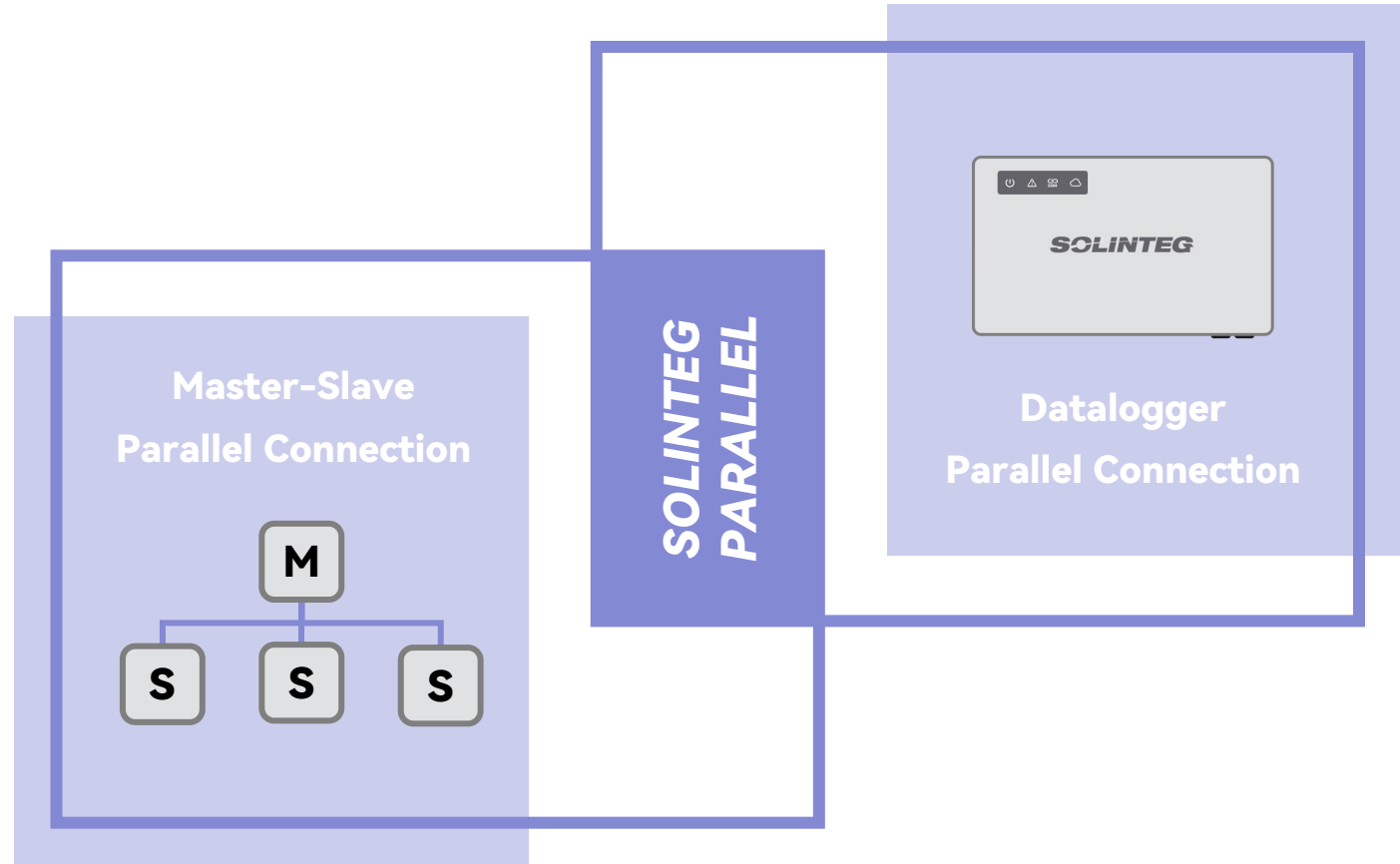
SOLINTEG

Master-Slave Parallel

Solinteg Master-Slave parallel connection can be used for all hybrid inverter, which supports both on-grid side and off-grid side paralleling. Besides, it has the following highlights:

- On-grid Parallel Connection
- Off-grid Parallel Connection
- UPS Level Switching
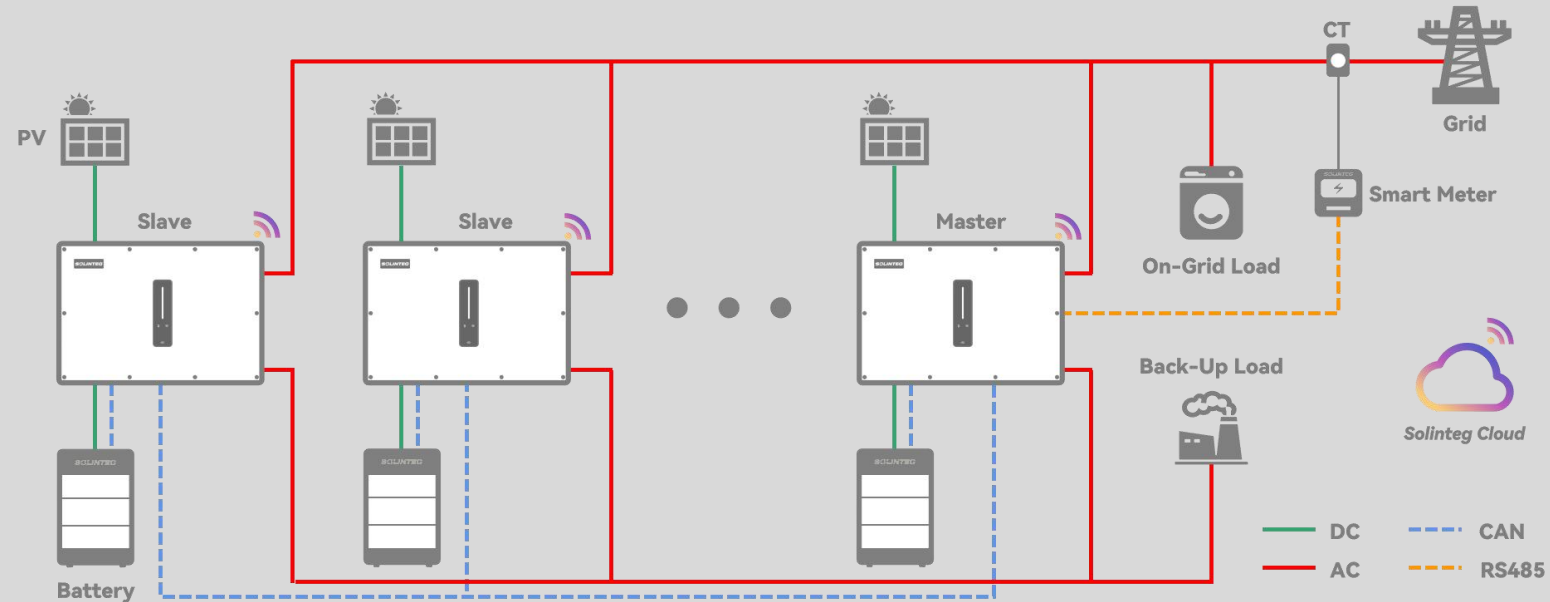- Monitor All in One
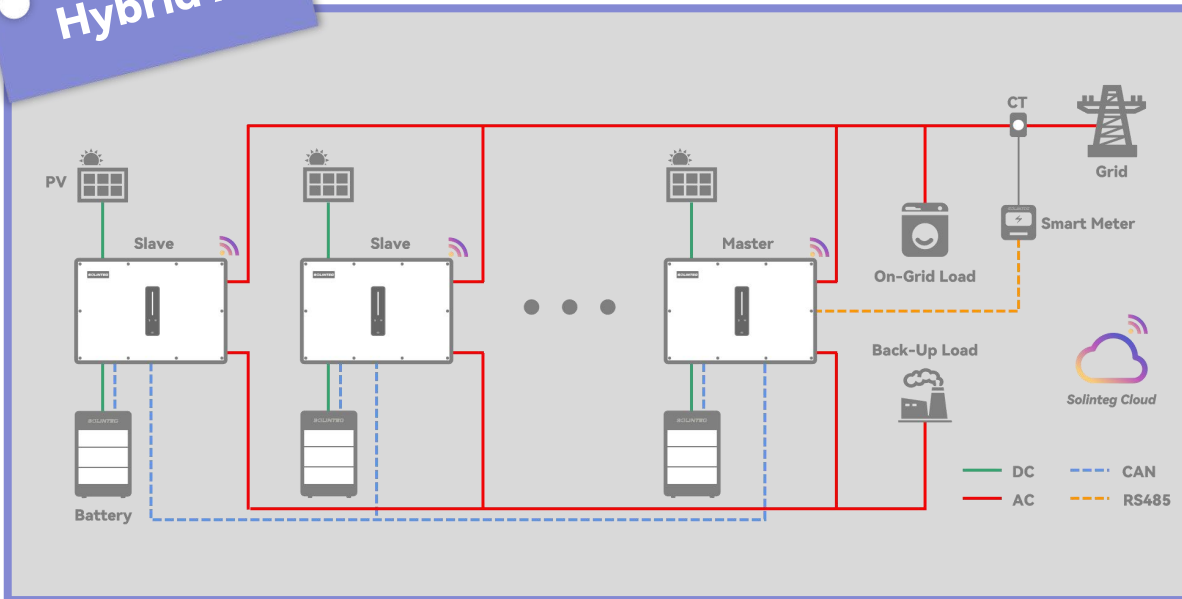- System Level Precise Export Control
- System Level Unbalanced Output

Solinteg Master-Slave Prallel Connection

Master-Slave Parallel

Typical Applications
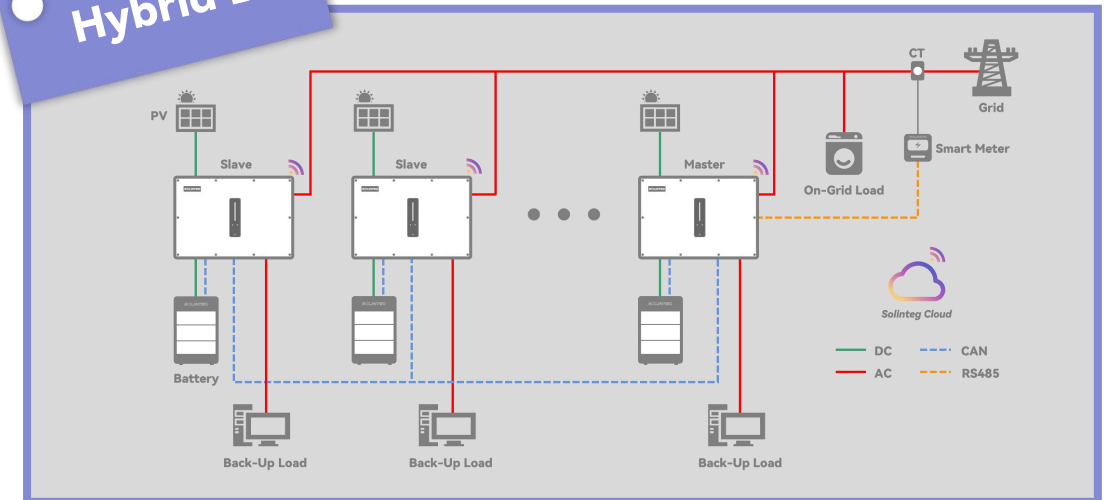

Hybrid A

Higher Flexibility

More flexible to expand the system and allocate the loads

Hybrid B

Greater Loads Carrying Ability

Share the PV and battery power to support more loads

Datalogger Parallel

Solinteg datalogger parallel increases the number of parallel units while maintaining the advantages of master-slave parallel, and integrates more intelligent control strategies into the datalogger, further enriching the functionality of the system.
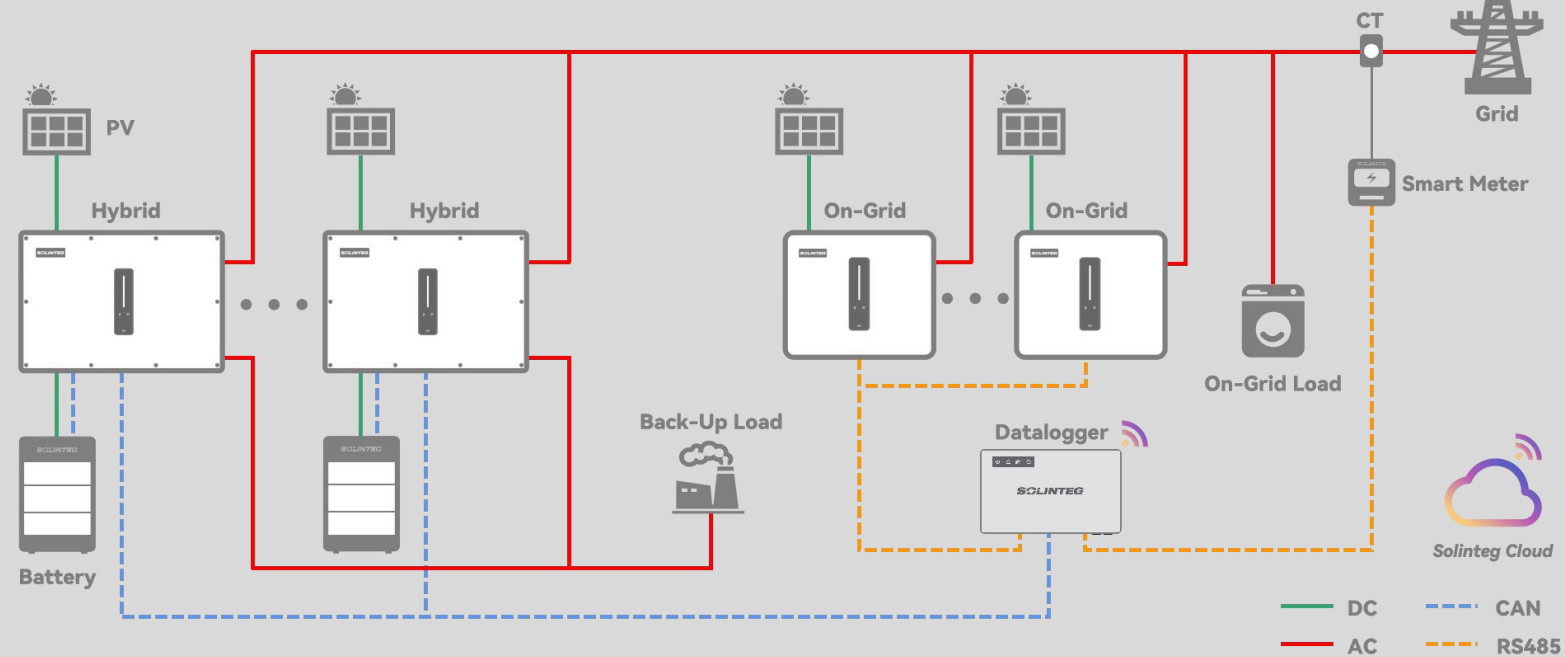
xN — More Units in One System
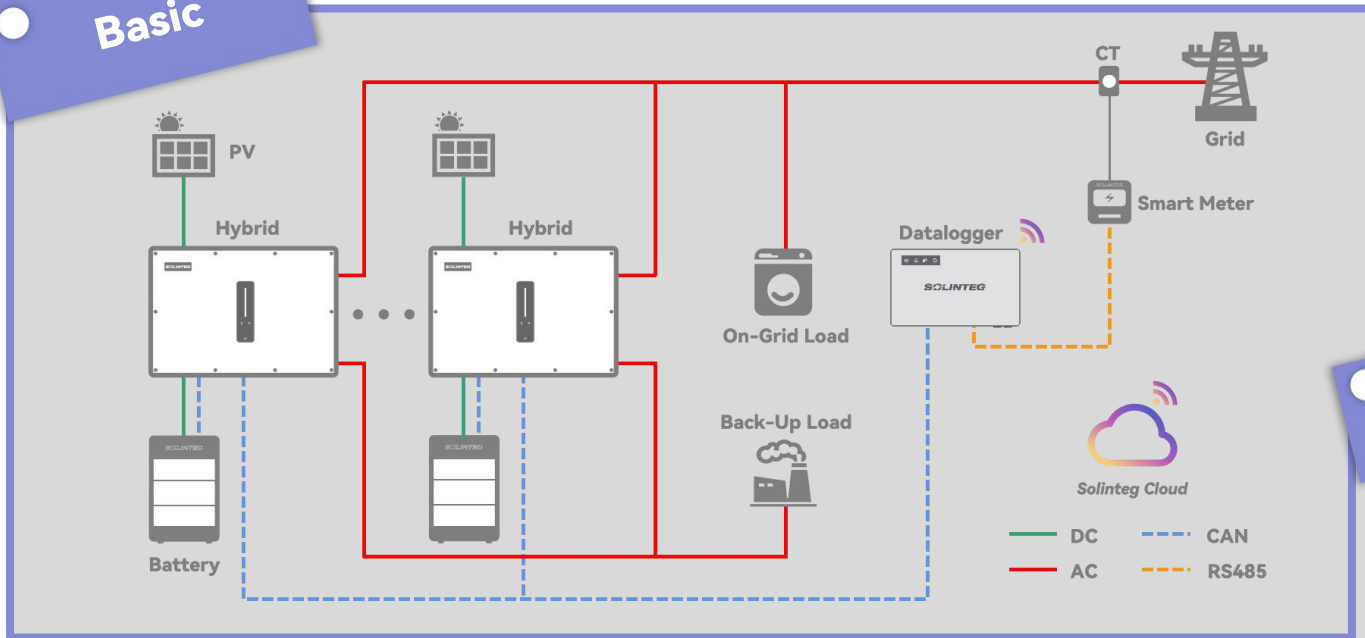
More Smart Strategies

More Integrations

Solinteg Datalogger Parallel Connection

PV

Hybrid

Hybrid

On-Grid

On-Grid

CT

Grid

Smart Meter

On-Grid Load

Back-Up Load

Datalogger

Battery

Solinteg Cloud

— DC — — — CAN
— AC — — — RS485
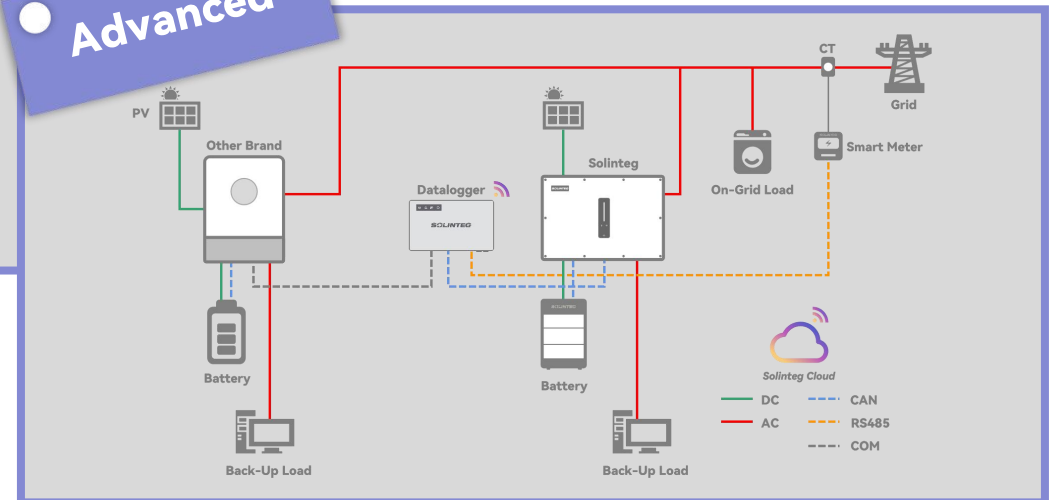
Datalogger Parallel

More Units

Datalogger supports 1 string CAN parallel and 3 strings RS485 parallel (10 hybrid and 30*3 on grid paralleling)

More Possibilities

More ports to integrate other devices and other brand inverters* into one system

*: The communication protocol of other brands inverter is needed.

Basic

Advanced

END
Visit Solinteg website to find out more

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