

**50kW/100kWh**  
**100kW/200kWh**

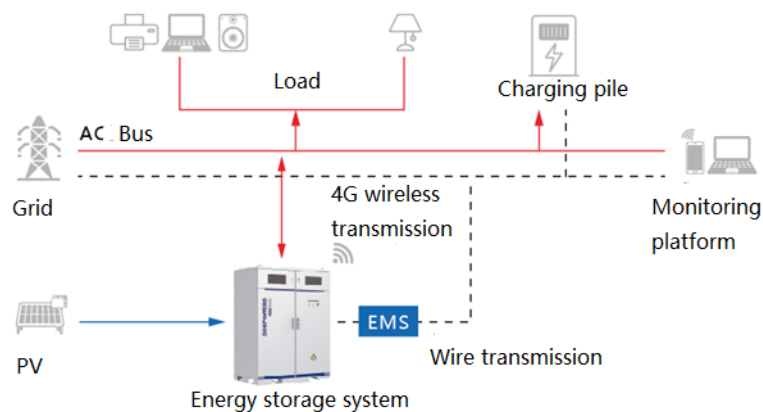
## Industrial and commercial energy storage system



### Product features

- Flexible configuration, strong expansibility, supporting multiple groups in parallel;
- With PACK modular standard design, they can be freely combined, easy for O&M;
- Equipped with perfect protection function, and equipped with fire protection, access control, thermal management and other systems;
- Touch LCD displays all kinds of parameters, records, status, alarm and other contents;
- One machine with multiple functions, supporting multiple working modes;
- Three-level BMS management, from cell to system, to ensure the safe and reliable operation of the system;
- Supporting wired or wireless 4G communication to realize remote monitoring.

### Topological graph



Model	Technical parameters	50kW/100kWh	100kW/200kWh
<b>DC side parameters</b>	DC channels	1 channel	1 channel
	Maximum DC bus voltage	900V	1000V
	Maximum DC side current	88A	165A
	Dc voltage operating range	200~900V	650~1000V
<b>AC grid-connected parameters</b>	Maximum input apparent power	50kVA	100kVA
	Maximum input active power	50kW	100kW
	Rated input voltage	220V/380V, 3P4W+PE	220V/380V, 3P4W+PE
	Maximum continuous input current	86A	152A
	Rated input frequency	50Hz	50Hz
<b>AC off-grid parameters</b>	AC off-grid voltage	220V/380V, 3P4W+PE	220V/380V, 3P4W+PE
	Maximum continuous output current	86A	152A
	AC off-grid frequency	50Hz	50Hz
<b>Battery parameters</b>	Battery type	LFP	LFP
	Rated energy	100KWh	224kWh
	Nominal voltage	345.6V	748.8V
	Operating voltage range	302-378V	655-819V
	Rate	≤0.5C	≤0.5C
<b>System parameters</b>	HMI	8 inch LCD touch screen	8 inch LCD touch screen
	Fire-fighting system	Perfluorohexanone	Perfluorohexanone
	Cooling system	air cooling	air cooling
	Operating temperature	0°C~55°C	0°C~55°C
	Protection level	IP54	IP54
	Size(W*D*H)	< 1200*1100*1850mm	< 1600*1100*2200mm
	Weight	< 1200KG	< 2500KG