

Virtual Power Plant Power Storage System

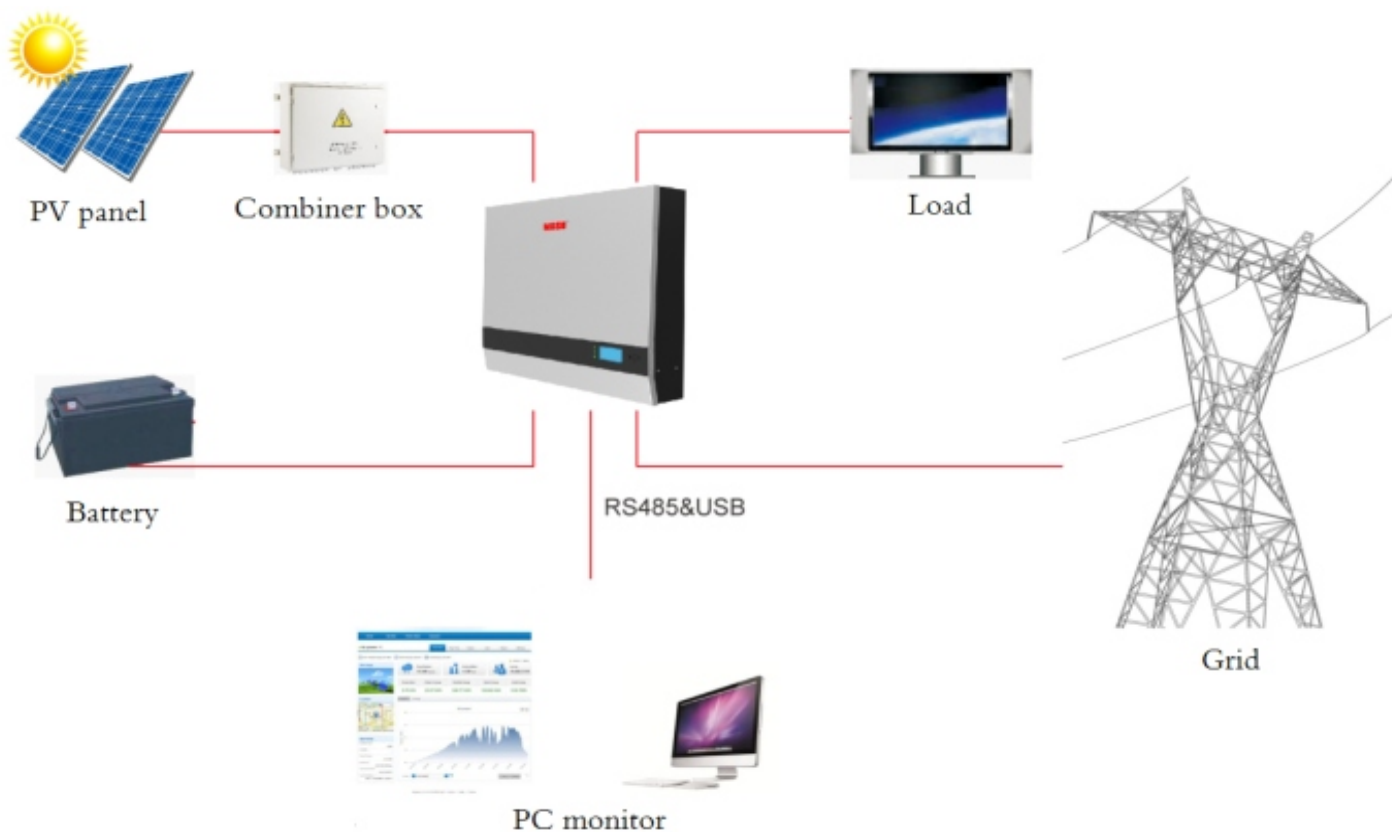
Residential and Commercial



Lithium Iron Phosphate



Hybrid Inverter



Advantage

Intelligent Energy Storage System
Grid on and off, Power Security
Solar & Wind power in your controlling
Green and Peak off power price big saving
Lithium Iron Phosphate battery Long life

Intelligent Energy Storage System

Technical data

| Model No. | LEV-3K48100 | LEV-5K48150 | LEV-10K48300 |
|-----------------------|--|------------------|------------------|
| Battery Type | Lithium Iron Phosphate(LiFePO4) | | |
| Battery Model No. | FP48100 | FP48150 | FP48300 |
| Nominal Capacity | 4.8 | 7.2 | 14.4 |
| Voltage Range | 44.8~54.2V DC | | |
| Max Charge Current | 50A | 75A | 100A |
| Max Discharge Current | 100A | | 150A |
| Charge time | 4 hours(0.5C) 100% | | |
| Design life | 20 Years | | |
| 25°C Life time | 10 Years Warranty | | |
| Charge temperature | 0°C -45°C | | |
| Discharge temperature | -20°C~55°C | | |
| Dimension (LxWxH) | 450 x 480x 280mm | 450 x 480x 420mm | 900 x 480x 420mm |
| Weight | 66Kg | 99Kg | 198Kg |

| PV and Wind Power | | | |
|--------------------------|--------------|--------------|--------------|
| Max power | 4.5kW | 10KW | 15KW |
| DC Voltage | 360V/500V DC | 730V/900V DC | 730V/900V DC |
| MMP Voltage | 250V~450V DC | 250V~850V DC | 400V~800V DC |
| MMP/Max input Power | 1/1 x 18A | 2/2 x 10A | 2/2 x 18.6A |

| Hybrid Inverter | | | |
|----------------------------|-------------------|-------------------|-------------------|
| Inverter Model No. | SK3 | SK5 | SK10 |
| AC input | | | |
| Voltage/Hz | 240V/50Hz | 240V/50Hz | 415V/50Hz |
| Max input Current | 30A | 40A | 40A |
| Grid output | | | |
| Voltage/Hz | 240V/50Hz | 240V/50Hz | 415V/50Hz |
| Power Factor | >0.99 | >0.99 | >0.99 |
| Battery mode output | | | |
| Voltage/Hz | 240V/50Hz | 240V/50Hz | 415V/50Hz |
| Output Waveform | Pure Sinewave | Pure Sinewave | Pure Sinewave |
| Efficiency(DC to AC) | 91% | 91% | 91% |
| Working Temperature | -10~40°C | | |
| Dimension (LxWxH) | 110 x 440 x 480mm | 250 x 460 x 600mm | 170 x 500 x 640mm |
| Weight | 16Kg | 29Kg | 45Kg |

Note: any design and specification are changed without notice.

CTA International Group Pty Ltd.

Address: 67 Korong Road West Heidelberg Victoria Australia 3081

Web site: www.atd.net.au

Email: info@atd.net.au

Tel: +61-03-94553991

Fax: +61-03-94553992