

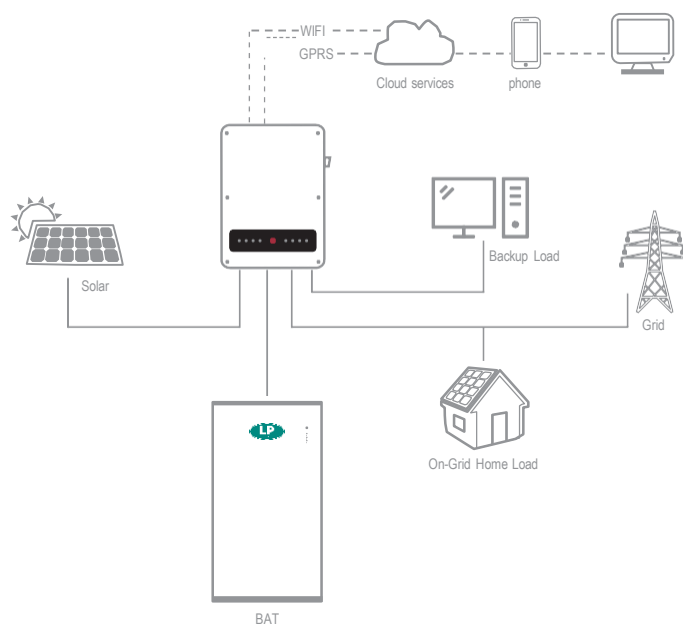
RESS-EU-5/10-12.5-GT more powerful, more efficient

New intelligent platform use new energy



KEY FEATURES

- The maximum conversion efficiency is 98.2%
- Intelligent battery management function
- Uninterruptible power supply (UPS)
- Wide battery voltage range
- Passive cooling, low noise level, ideal for home use
- Capable of being grid-interactive or grid-independent
- Remote monitoring via computers and mobile phones



SPECIFICATIONS

System capacity	5kW-12.5kWh	10kW-12.5kWh
Battery side		
Battery capacity	25Ah	
Battery rated voltage	512Vd.c.	
Battery voltage range	448- 584Vd.c.	
Battery rated capacity	12.5kWh (expand to 25kWh)	
Life cycle	6000 times @ 25°C,0.5C rate ,80%DOD,70%EOL	
Max. charge current	16A	
Max. discharge current	19A	
Solar side		
Max. input power	6500W	13000W
Start-up voltage	180V	
Rated input voltage	620V	
MPPT voltage range	200-550V	
No. of MPP trackers	2	
Max. input current	12.5A/12.5A	
Grid side		
Nominal power	5000VA	10000W
Nominal voltage	400 3L/N/PE	
Nominal frequency	50Hz/60Hz	
Max. output current	8.5A	16.5A
THDi	< 3%	
Power factor	~1 (Adjustable from 0.8 leading to 0.8 lagging)	
Max. input power from Grid	10000VA	15000VA
Max. input current from Grid	15.2A	22.7A
EPS side		
Max. output power	5000VA	10000VA
Max. output current	8.5A	16.5A
Rated output power	400V	
Rated frequency	50/60Hz	
THDu	< 3%	
General data		
Protection degree	IP20(Battery cabinet), IP65(PCS)	
Relative humidity	10~80%	
Operating temperature range	0~55 C	
Dimension (W*H*D, mm)	660*1650*260 (Battery cabinet), 415*516*180 (PCS)	
Weight	195kg (Battery cabinet), 24kg (PCS)	
HMI	LED	
Communication with BMS	RS485; CAN	
Certification standards	PCS: IEC62109-1/2, VDE-AR-N 4105, VDE 0126-1-1, EN 50549-1, G98, G99, G100, CEI 0-21,EN61000; Battery: IEC62619/UN38.3	
Operating altitude	≤2000m	