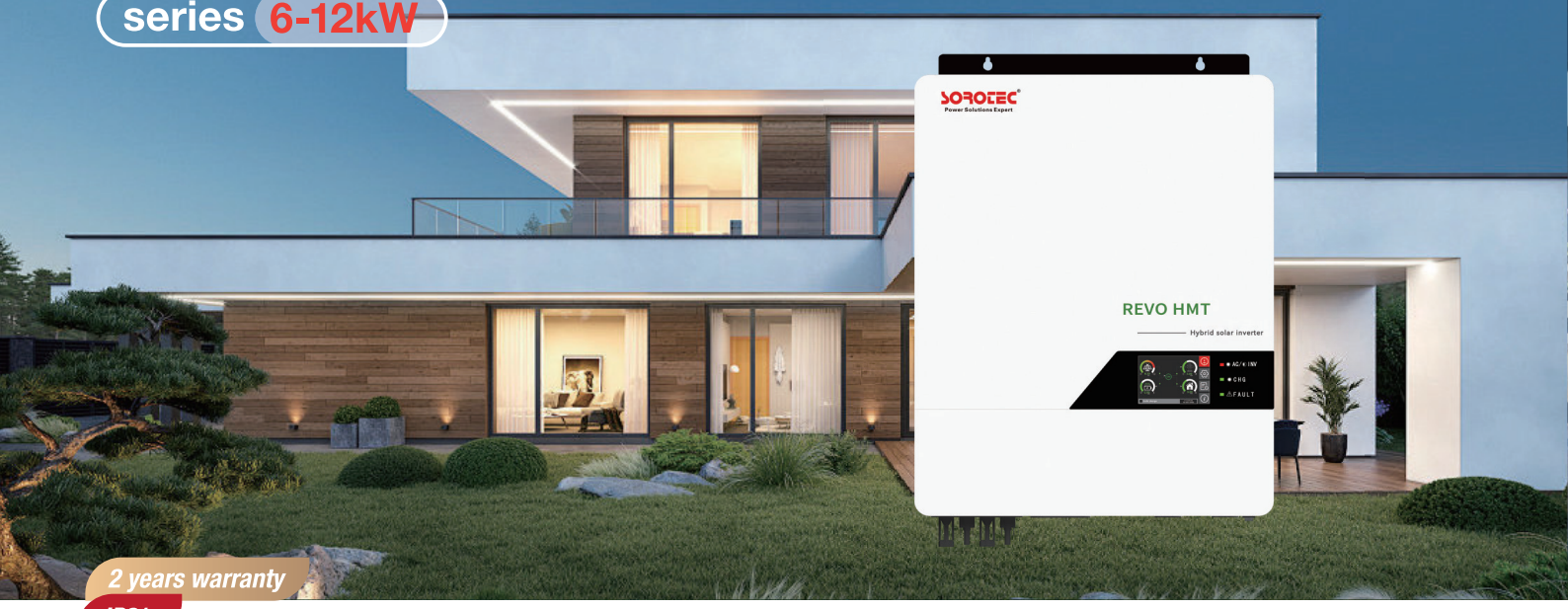
Three Phase

REVO HMT L3P G2

Three-Phase Hybrid Energy Storage Inverter

series 6-12kW



2 years warranty

IP21

Easy access
Accessible through a LCD touch screen and through the web

ON-Grid and OFF-Grid
REVO HMT L3P G2 series is suitable for on-grid and off-grid applications.

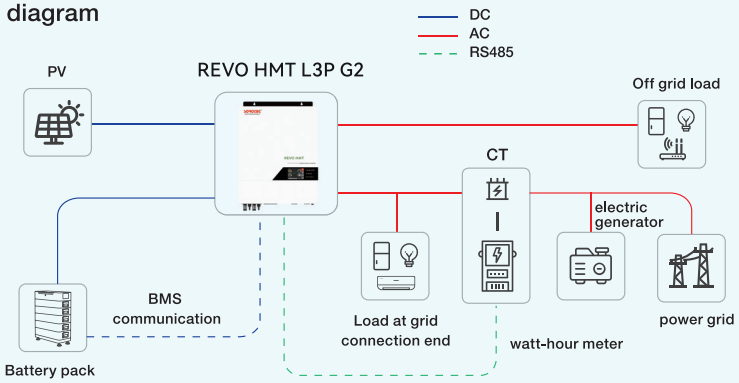
100% unbalanced
100% unbalanced output, max. output up to 50%rated power for each phase

BMS
Battery Communication for lithium battery

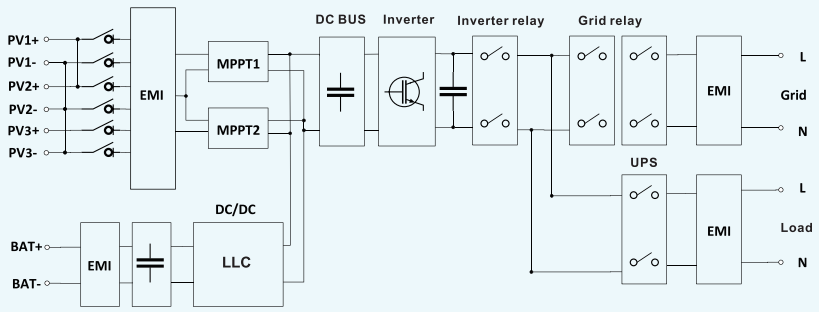
Safe
Physical and electrical dual isolation,Earth Leakage Current Monitoring,Anti-island protection,Insulation detection and so on

Flexible Rate Tariff
Charge from the grid at off-peak time when energy is cheaper,and discharge at peak tme when energy is more expensive.

Product application diagram



Circuit block diagram



Technical Specification	REVO HMT L3P G2			
Rated power (kW)	6	8	10	12
EFFICIENCY				
DC Max.efficiency	97.5%			
Europe efficiency	97%			
PV INPUT				
Max.power(kW)	9	12	15	18
Max.DC voltage(V)	800			
MPPT voltage range(V)	200~650			
Max.input current of single MPPT(A)	22+22			
MPPT tracker/strings	2/1+1			
AC OUTPUT(GRID-TIED)				
Rated output power(kW)	6	8	10	12
Max.output current(A)	9.6	12.7	15.9	19.1
Grid voltage range(V)	305~485			
Frequency(Hz)	50/60			
PF	0.8lagging-0.8leading			
THDi	<3%			
AC output topology	3W+N+PE			
BATTERY				
Battery voltage range(V)	40-60			
Max.charge/discharge current(A)	150	180	220	260
Battery type	Lithium /Lead-acid			
AC OUTPUT (UPS)				
Rated output voltage(V)	380/400/415			
Rated output current(A)	9.6	12.7	15.9	19.1
Rated frequency (Hz)	50/60			
Transfer Time(ms)	<10			
THDu	<3%			
Peak Power (off-grid) (W)	2 times of rated power, 10s			
PROTECTION & FEATURE				
Anti-Island protection	Yes			
DC Over curent protection	Yes			
Insulation monitoring	Yes			
Residual current monitoring	Yes			
Arc fault protection	Yes (Optional,6 units)			
Other protection	AC overcurrent,AC overvoltage,Over-heat protection			
GENERAL PARAMETER				
Parallel Capacity	6 Units			
Degree of protection	IP21			
Operation temperature	-25°C~60°C,>45°C derating			
Cooling	Smart cooling			
Relatve humidity	0~95% (non-condensing)			
Altitude	(>2,000m Derating)			
Dimensions W x D x H(mm)	445*130*620			
Topology	transformerless			
Self-consumption(W)	<5			
COMMUNICATION				
Interface	Standard:RS485,CAN,DRM; WiFi			
Safety standard	EN/IEC 62109-1,EN/IEC 62109-2			