Split Phase

REVO HMT L2P G2

Hybrid On & Off Grid Energy Storage Inverter

series 8/10/12 kW



2 years warranty

IP21

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

ON-Grid and OFF-Grid
REVO HMT L2P G2 series is suitable for on-grid and off-grid applications.

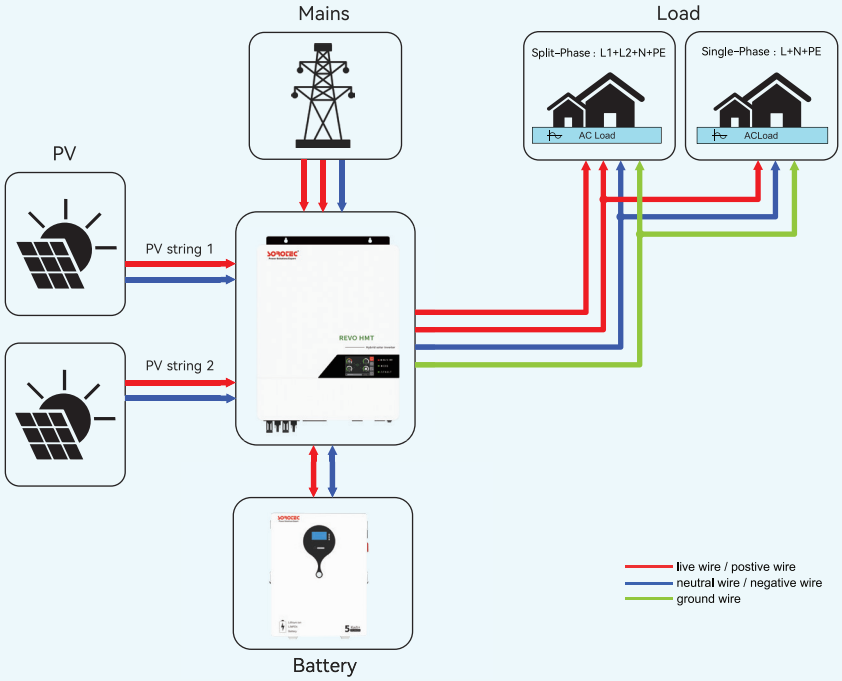
Remote Monitoring
Control and monitor your smart system on the move via our monitoring App and website

BMS
Battery Communication for lithium battery

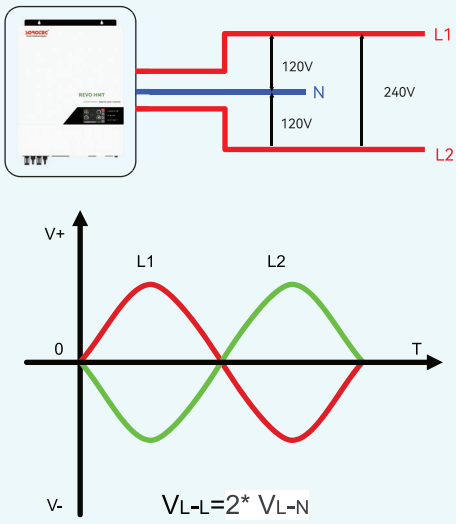
Safe
Physical and electrical dual isolation,Earth Leakage Current Monitoring,Anti-island protection,Insulation detection and so on

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.

SchematicDiagram



ACOutputVoltageRange



Items	Description
Output Voltage Range (L-N)	100 ~ 120Vac, 120Vac default
Output Voltage Range (L-L)	200 ~ 240Vac, 240Vac default

Technical Specification	REVO HMT L2P G2 series		
Rated Power	8000VA/8000W	10000VA/10000W	12000VA/12000W
AC INPUT			
AC Voltage	120/240Vac (L1/L2/N/PEsplitphase)		
Voltage Range	90-140 VAC		
Frequency Range	50/60Hz (Auto sensing)		
AC OUTPUT			
Surge Power	16000VA	20000VA	24000VA
AC Voltage Regulation (Battery Mode)	120/240Vac (L1/L2/N/PEsplitphase) ± 5%		
Rated frequency	50/60Hz		
Efficiency (Peak)	93%		
Transfer Time	10ms (For Personal Computers) ; 20ms (For Home Appliances)		
BATTERY			
Battery Voltage	48VDC		
Floating Charge Voltage	54VDC		
Overcharge Protection	63VDC		
Battery type	Lithium/Lead-acid		
Maximum solar charge current	180A	200A	
Maximum AC charge current	100A	150A	
Maximum charge current	180A	200A	
SOLAR CHARGER & AC CHARGER			
Maximum PV Array Open Voltage(V)	500VDC		
Maximum PV Array Power	5500W*2	6500W*2	
MPPT voltage range(V)	60~450VDC		
Maximum input current	22A+22A		
MPPT tracker/strings	2		
PROTECTION & FEATURE			
AC overcurrent	Yes		
AC overvoltage	Yes		
Over temperature protection	Yes		
Smart load management	Yes		
Parallel Function	Yes (Optional,6 units)		
GENERAL PARAMETERS			
Operation temperature	-10°C ~ 50°C		
Relative humidity	5% ~ 95% (Non-condensing)		
Altitude	(2000m Derating)		
Dimensions W x D x H(mm)	455*620*130		
Net Weight(KG)	21	22	
COMMUNICATION			
Interface	Standard:RS232,USB; CAN&RS485; Optional:WiFi		
Safety standard	EN/IEC62109-1,EN/IEC62109-2		