

Industry & Mining Power Supply

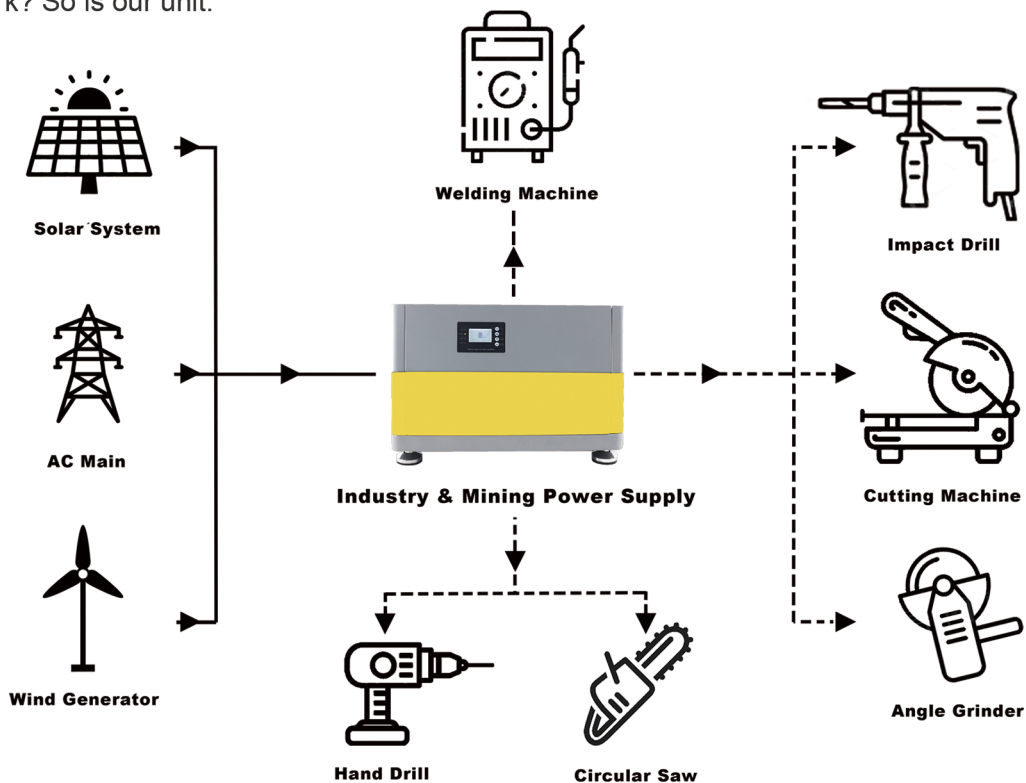
Build-in inverter 5 kwh-30 kwh parallel energy storage system






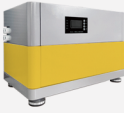


Our industrial and mining-grade power system is built for the harshest outdoor conditions—impervious to mine-site dust, sub-zero cold, and scorching heat.

Whether you're deep in a mountain mine or at a remote field-repair site miles from the grid, just hit the button clean, stable power flows instantly to run welders, plasma cutters and other high-draw tools.




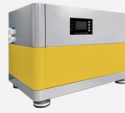


No endless cable runs, no diesel roar, no voltage sag—power where you need it, when you need it. Ready to work? So is our unit.



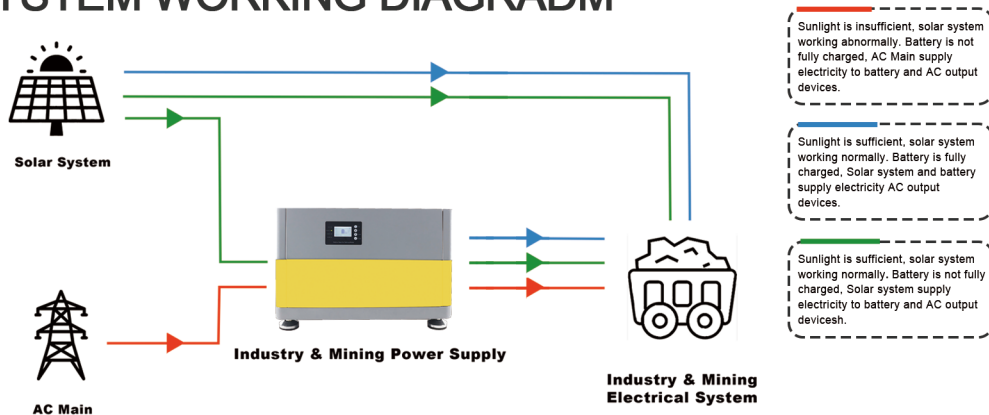
5.12kWh 1-3 Pack Energy Storage System

			
Battery Package	Battery Package (5.12kwh, 51.2V,49Kg, 700*435*190mm)		
Number of Package	1	2	3
Usable Capacity	5.12KWh	10.24KWh	15.36KWh
Cont. Output Current	100A	100A	100A
Peak Output Current	150A	150A	150A
Nominal Voltage	51.2V	51.2V	51.2V
Operating Voltage	40~58.4V	40~58.4V	40~58.4V
Szie (L/W/H)	700*435*490mm	700*435*680mm	700*435*870mm
Weight (Kg)	95	143	192
Product Picture			
Operating Temperature	-10°C~50°C		
Charging Temperature	Above 0 °C		
Battery Type	Lithium iron phosphate battery(LiFePO4)		
Communication	RS485,CAN		
Life Cycle	3000 times		
Solar Panel Number	suggest 36V 550W 2 - 4 pcs in Series Connection		

10.24kWh 1-3 Pack Energy Storage System

			
Battery Package	Battery Package (10.24kwh, 51.2V,83Kg, 700*435*265mm)		
Number of Package	1	2	3
Usable Capacity	10KWh	20KWh	30KWh
Cont. Output Current	200A	200A	200A
Peak Output Current	250A	250A	250A
Nominal Voltage	51.2V	51.2V	51.2V
Operating Voltage	40~58.4V	40~58.4V	40~58.4V
Szie (L/W/H)	700*435*565mm	700*435*830mm	550*435*1095mm
Weight (Kg)	141	224	307
Product Picture			
Operating Temperature	-10°C~50°C		
Charging Temperature	Above 0 °C		
Battery Type	Lithium iron phosphate battery(LiFePO4)		
Communication	RS485,CAN		
Enclosure Protection Rating	IP55		
Solar Panel Number	suggest 36V 550W 4-8 pcsin Series Connection * 2sets		

SYSTEM WORKING DIAGRAM



INVERTER

Inverter Type	Power Frequency Inverter
Rate Output Power	3000W / 5000W / 10000W
AC Input/Output Voltage	160-260V / 80~130V
AC Input/Output Frequency	50 / 60Hz
Solar Controller	Build-in MPPT *2 Road
Solar Input Current	MAX. 80A*1
Solar Input Voltage	60-180V