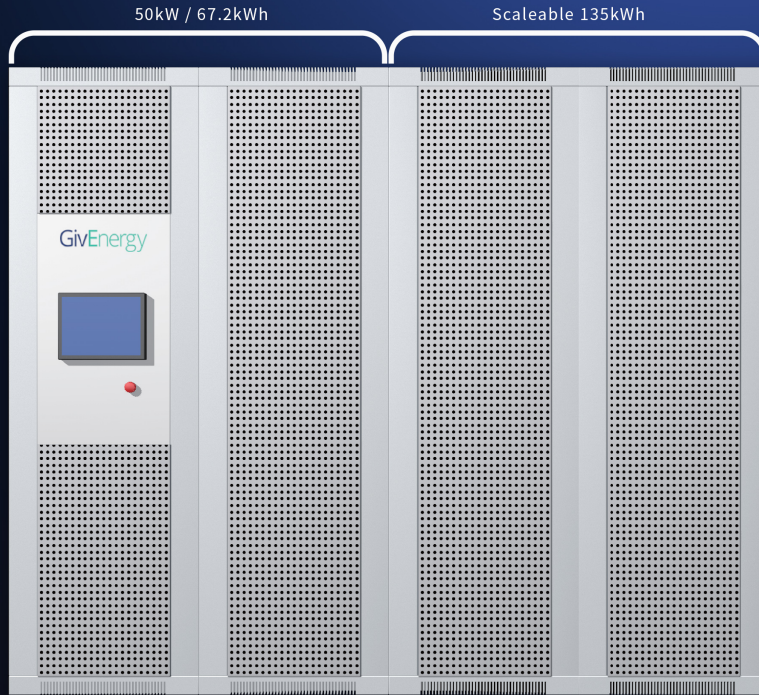


SME- Small to Mid Sized Enterprise Energy Storage System

64kWh / 50Kw Cabinet



- ◆ Using the latest LiFePO₄ prismatic cell technology
- ◆ Smart EMS for integration of renewables
- ◆ Up to 1C charge and discharge rate
- ◆ 3 Phase 400V Installation
- ◆ Plug & Play Battery Packs, each 9.6kWh
- ◆ Multi Layer BMS for cell management - can be used to shift peak demand (DUOS), system allowing greater control and functionality
- ◆ Remote monitoring & control
- ◆ Local control via LED screen
- ◆ Scaleable in 64kWh cabinet upto 201.6kWh
- ◆ Available in 30/50/100kW Models
- ◆ IP20

AC Specifications	GivPCS-30	GivPCS-50	GivPCS-100
Wiring Methods		Three Phase Five Wires	
Nominal Power Capacity	30kW	50kW	100kW
Maximum Power	33kVA	55kVA	110kVA
Nominal Grid Voltage		400V	
Voltage Range (Grid Tied)		400V+ 10%(settable)	
Voltage Range (Off Grid)		400V±5%	
Nominal Current	44A	72A	144A
Maximum Current	48A	79A	158A
Nominal Frequency		50Hz	
Frequency Range		47-51.5 (settable)	
THDi		<3% (Nominal Power)	
Power Factor		0.9 (Leading)-0.9 (Lagging)	
DC (Battery) Specifications			
Nominal Power	30kW	50kW	100kW
DC Voltage Range		0V-900V	
Full Load Voltage Range		350V-850V	
Nominal Current	91A	150A	150A
Stabilized Voltage Precision		±1%	
Stabilized Current Precision		±2%	
PCS System			
Maximum Conversion Efficiency	0.95	0.955	
Weight	490KG	600KG	850KG
Dimensions		Standard 19" 42U	
Altitude		5000 meter(Derated when>3000 meter)	
IP Grade		IP20	
Noise		<65dB	
Operating Temp Range		- 35°C~+45°C	
Storage Temp Range		- 40°C~+10°C	
Cooling Method		Forced Cooling	
Humidity		0-95%	
Communication		Enthernet, RS485, CAN2.0	
Others			
Phase Imbalance Operating Capability		100%	
Parallel Capability		Yes	
Battery			
Battery Pack		5.33kWh Standard 19"	
Battery Pack Voltage		51.2VDC	
Battery Rack		64kWh Standard 19" 42U	
Battery Rack Voltage		614VDC	
Rack Scaleable		Yes	

Specification

64kWh / 50kW Cabinet

