

Three-phase Off-grid Integrated Controller & Inverter

SPO3330~3360-M075~225



Product Features

- Integrated system, PV MPPT controller + AC charging (optional) + inverter
- Modular design of PV MPPT controller, supporting hot plug, plug and play and flexible configuration
- Wide MPPT range: 420 ~ 850V
- Multi-circuit MPPT design, MPPT efficiency up to 99.9%, improving system power generation
- Output with isolation transformer, strong resistance to load impact
- Supporting three-phase 100%. Unbalanced load
- With manual maintenance bypass function and intelligent error proofing design
- Multi-mode fan intelligent speed regulation, prolonging fan service life
- Smart battery charging and discharging management, which can guarantee the battery service life
- Supporting diesel generator/automatic bypass function from municipal supply without additional ATS configuration

Technical Specification

Items	SPO3330~3360-M075~225			
Input				
Component input voltage range	420~850Vdc			
MPPT circuit numbers	1/2/3			
Component input power	26kW/52kW/78kW			
Rated battery voltage	348Vdc (304~420Vdc)			
Battery type	Lithium batteries or lead-acid batteries			
Battery AC charger (Optional)	Settable current (10~40A)			
Output				
Output power	30kVA	40kVA	50kVA	60kVA
Peak coefficient	3:1			
Power factor	0.9			
Output voltage	380±1%V			
Output frequency	50Hz/60Hz±0.1%			
Waveform	Sine wave, THD<2% (linear load)			
Overload capacity	105~125%, continuing for at least 10min; 126~150%, continuous loads for at least 1min.			
Others				
Weight	520kg	520kg	570kg	570kg
Communication	RS485, dry contact			
Noise	<65dB			
Operation temperature	-5℃ ~40℃			
Allowable relative humidity range	0~95% (no condensation)			
Altitude	3000m			
Dimensions (W×H×D)	850×1600×800mm			
IP grade	IP20			

■ Specification indexes may be subject to changes without further notice.