仁昊伟业 RENHOTEC

Energy Storage Converter

RHT-GPCS SERIRES

PERFORMANCE PARAMETERS

Model No.	RHT-GPCS 50K	RHT-GPCS 100K	RHT-GPCS 150K	RHT-GPCS 250K	RHT-GPCS 500K	RHT-GPCS 630K
DC Side Parameters						
DC Voltage Range	500-850V			600V-900V		
MAX DC Current	110A	220A	330A	550A	873A	958A
Battery Branches Number	1			1/2/4/8		1
AC Grid Connection Parameters						
Rate Output Power	50KW	100KW	150KW	250KW	500KW	630KW
Rated Grid Voltage	400V±15%			380V±15%		
Rated Grid Frequency	50Hz/60Hz±2.5Hz					
AC Rated Current	72A	144A	216A	360A	727A	916A
System Parameters						
Wiring Mode	Three phase four wire					
Isolation	Power frequency isolation					
Cooling	Forced air cooling					
Temperature Range	-20℃~50℃					
Protection Level	IP20					
Size(W*D*H) mm	800×800×2160	1200×800×2160		1100×800×2160	1100×800×2260	
Communication						
Upper Computer Communication Mode	ModBusTCP/IP					
Communication Interface	Net port, RS485, CAN					

KEY FEATURES:

►Modular design

The product adopts the modular design concept. Each module can operate independently, providing n+1redundancy and improving system stability.The capacity can be expanded according to the users' needs.

►Intelligent matching

The product is suitable for various types of batteries.

The system can realize different charging and discharging strategies according to different battery types, to prolong the battery life span.

►Distributed in demand

The energy dispatching can be regulated, and the user can change the charging and discharging logic according to the power consumption policies in different periods of time in the region.

►Independent regulation of active and reactive power

The product can realize independent regulation of active and reactive power, meet different load requirements, ensure power factor and avoid fines.

►On/Off grid seamless switching

Realize seamless switching between grid and off grid connection, ensure the continuity of power consumption, and avoid economic losses caused by power failure.

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