



PV INVERTER

Product Features



High compatibility
Compatible with G12 bifacial modules, up to 25A input current.



Low BOS Cost
Optimized for long-string configurations to minimize BOS costs.



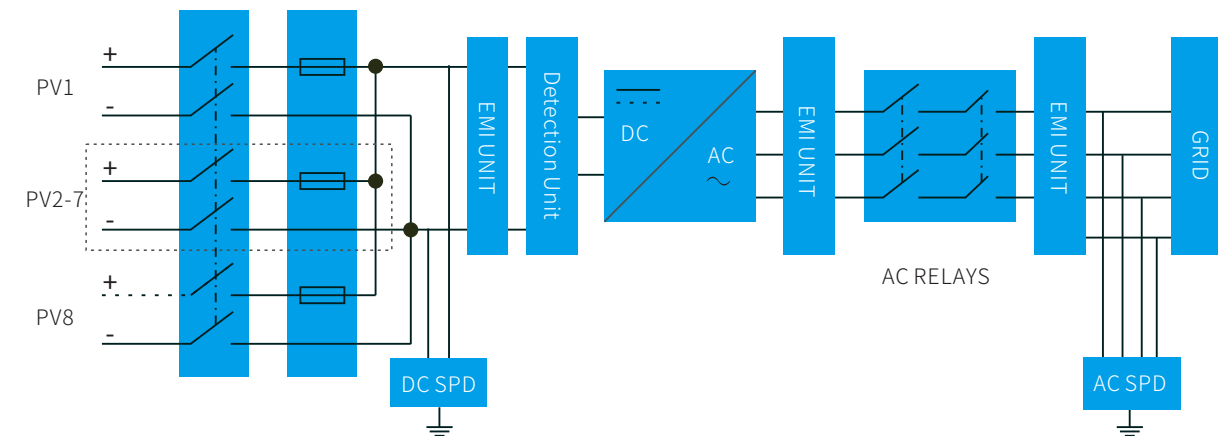
OTA Function
Remote O&M and seamless firmware upgrades to reduce operational costs.



High Reliability
Single-pole conversion design for better reliability.



Product Topology Diagram



PV Inverter Datasheet

Product Model	SLC2000-40KH3-P0
DC Output	
String Input Power (Max.)	52KW
Input Voltage Range	DC210-1000V
Rated Input Voltage	700V
Rated Input Current	65A
Input Current (Max.)	Single output DC25A
Short-Circuit Current (Max.)	Single output DC30A
Number of PV Strings	8
AC OUTPUT	
Rated Output Power	40KW
Maximum Apparent Power	44KVA
Rated Output Voltage	380V 3L-PE/3L-N-PE
Rated Grid Frequency	50Hz
Output Current (Max.)	AC67A
Power Factor Range	-0.8~+0.8
THDi at Rated Power	3%
EFFICIENCY	
Efficiency (Max.)	98.50%
CERTIFICATIONS	
Safety Standard	NBT32004-2018
GENERAL PARAMETERS	
Dimensions	596mm (L) x 596mm (W) x 275mm (H)
Terminals	MC4 compatible
Working Temperature	-25°C~+60°C
Working Humidity Range (Non-condensing)	0%~100%
Overvoltage Class	Type II
Protection Class	IP66
Safety Class	CLASS I
Installation	Wall-Mounted