

S5 75-100K Commercial Inverters

Compatibility for North America

S5-GC(75-100)K-US

Three-Phase Commercial Inverters 75, 80, 90, and 100kW 480VAC 180-1000VDC



- DC side supports “Y” connectors to reduce component costs
- Wide voltage range and low startup voltage for optimum performance
- Advanced remote monitoring and remote updates
- High input current supports larger modules and reduces up-front installation costs
- 8/9/10 MPPT design enhances design flexibility
- Type 4X Anti-Corrosion level enclosure
- When ordering the below, ensure the appropriate identifier is added to the SKU (e.g. -APST, -RSS, -NEPT)



Brand -SKU	Receiver Model	Number of PV Module Inputs	Rapid Shutdown	Module-Level Monitoring	Module-Level Optimization
APsmart -APST	RSD-S-PLC-A	1	✓	X	X
	RSD-D-15	2	✓	X	X
	RSD-D-20	2	✓	X	X
Tigo Energy -RSS	TS4-A-F	1	✓	X	X
	TS4-A-2F	2	✓	X	X
	TS4-A-O*	1	✓	✓	✓
NEP -NEPT	PVG-2	2	✓	✓**	X
	PVG-3	3	✓	✓**	X

*Tigo CCA must be installed externally. Tigo monitoring must be used for module-level monitoring.

**Use Fomware datalogger for module-level data monitoring with NEP

S5 75-100K Product Page & Downloads



Key Notes

1. Please contact ussales@solisinverters.com for the Ordering Guide, which provides instructions on how to order the inverter with the correct internal transmitter.
- Note:** Transmitters and receivers installed must be of the same brand. Mixing components of different brands in the same system will void the inverter warranty.
2. The inverter has ports for an external switch to be connected. These ports are in series with the switch on the inverter wire box. Please see the manual for more details.
3. The RSD signal transmitter comes with the inverter. The RSD receivers are all sold separately. Please contact your local distributor for assistance with procurement.
4. Installing components not on this list will void the inverter warranty. Solis is not responsible for the quality or the warranty of the rapid shutdown components.
5. NEP standard RSD receivers are 15A (20A models are available on request).