

Model		DSE7320 (old)	DSE7320MKII (new)	Remarks
Difference	Customized startup screen	No	Yes	Display user's customized words on the screen (such as company name and logo)
	CPU	Single core	Dual-core	More powerful dual-core CPU, four times faster than the old one
	Analog input	4	6	All 6 analog inputs of the DSE7320MKII can be set as digital inputs
	Supported sensor types	Only supports resistive type	Supports resistance, voltage and current types	The DSE7320MKII can set 2 analog inputs as voltage type or current type
	Temperature sensor open circuit alarm	No	Yes	
	Digital output	8	10	The DSE7320MKII has two more output ports than the old one
	Communication port	Both RS232 and RS485 can be used either	Both RS232 and RS485 can be used at the same time	The RS232 and RS485 ports of the DSE7320MKII can be used at the same time for easy monitoring. For example: Cummins Q series engine needs to use RS485 to connect to the ECU, and RS232 can be used for monitoring
	Dual-machine mutual backup function	Yes	Yes	The DSE7320 can realize the dual-machine mutual backup function through the built-in PLC programming, which is more complicated; The DSE7320MKII has built-in dual-machine mutual backup function, and the following three methods can be selected through the setting software: priority, engine running time, and dual-machine mutual backup time.
	The wiring method of dual-machine mutual backup	Wiring through custom inputs and outputs	Connect via RS485 or RS232	The DSE7320MKII can be connected via RS232 or RS485 for simpler wiring
	Generator voltage and frequency protection delay settings	Yes, but not flexible	Flexible settings	The DSE7320 is set by the generator transient delay, which is not flexible enough. The DSE7320MKII can set high and low voltage protection delay, high and low frequency protection delay respectively.
Data record	No	Yes	10 parameters can be selected and their values can be automatically recorded; it can also be set to "record only when the set value is exceeded".	
Terminals				
Same Functions	Supported voltage range	15 V-415 V AC (phase voltage)	15 V-415 V AC (phase voltage)	Suitable for 600V generator and mains system
	Dimension	Same	Same	220 mm x 160 mm
	PLC function	Supported	Supported	Flexible programming to meet the special needs of customers
	Digital input	8	8	