

TruONE® feature comparison



Feature comparison

Level 3 controls

Source failure detections

No voltage		Yes
Undervoltage		Yes
Overvoltage		Yes
Phase missing		Yes
Voltage unbalance		Yes
Invalid frequency		Yes
Incorrect phase sequence		Yes

Features

Controls		LCD + keys
LED indications for ATS, S1 and S2 status		Yes
Open transition - Standard digital inputs/outputs		1 / 1
Delayed transition - Standard digital inputs/outputs		2 / 1
Programmable digital inputs/outputs		Yes
Auto config (voltage, frequency, phase system)		Yes
Source priority		Source 1/2, No priority
Manual retransfer		Yes
In-phase monitor (synchro check)		Yes
Local genset exercising: on-load, off-load		via HMI, digital inputs
Scheduled genset exercising: on-load, off-load		via HMI, Ekip Connect
In-built power meter module		No
Load shedding		Yes
Real time clock (48h back-up after power outage)		via HMI, Ekip Connect
Event log		via HMI, Ekip Connect
Predictive maintenance		No
Harmonics measuring		Voltage

Field-mount accessories

Auxiliary contacts for position indication		Yes
Digital input/output modules		Yes
12-24 Vdc aux supply module for controller		Yes
Communication modules		Yes

Connectivity

Modbus RTU (RS-485)		Yes
Modbus/TCP		Yes
Profibus DP		Yes
ProfiNet		Yes
DeviceNet		Yes
Ethernet IP		Yes
Ekip Com Hub (monitoring via ABB Ability™: Energy and Asset Manager)		Yes

For applications

Mains - Mains		Yes
Mains - Generator ¹⁾		Yes

¹⁾ Contact ABB for applications with smaller than 20 kVA gensets