

TECHNICAL CHARACTERISTICS SENNET SERIES DATALOGGERS

Depending on the model, SenNet dataloggers have the following characteristics

Characteristics	DL150	DL151	DL170	DL171	DL172
Power supply	5Vdc	5Vdc	8..30Vdc	8..30Vdc	8..30Vdc
Conectivity					
CT or Rogowsky	-	✓	-	✓	✓
Wi-Fi (USB port)*	✓	✓	✓	✓	-
Ethernet	✓	✓	✓	✓	✓
GPRS	-	-	✓	✓	✓
HDMI	optional	optional	optional	optional	-
Communications					
RS485	✓	✓	✓	✓	✓
RS232 Terminal (TTL levels)	-	-	✓	✓	✓
Accessories RF					
SenNet RF 868MHz	optional	optional	✓	✓	✓
Z-Wave®	optional	optional	optional	optional	-
Processor	ARM® Cortex® -A8-based core (300MHz-1GHz)				
RAM memory	512 MB				
eMMC (SO) memory	2 GB / 4 GB				
Card slot (micro-SD) form memory expansion	✓	✓	✓	✓	✓
Internal battery (up to 45 min)	✓	✓	✓	✓	✓
RTC (real time clock)	✓	✓	✓	✓	✓
Internal energy meters Active and reactive energy, power, power factor, current, voltage, surges, power cuts	-	3 three-phase or 9 single phase **	-	3 three-phase or 9 single phase **	6 three-phase or 9 single phase ***
Inputs and outputs					
Current output (5V@300mA)	-	-	✓	✓	✓
Standard output (VinpUT@100mA)	-	-	4	4	4
Standard input	-	-	3	3	3
Software All-in-one	optional	optional	optional	optional	optional
Operating system	Linux 3.8.13				
Mounting	DIN rail				

* USB port for connexion

** It is also possible to use it in the following combinations: 1 three-phase meter + 6 single-phase or 2 three-phase + 3 single-phase

*** It is possible to configure other combinations of single-phase and three-phase meters. For instance: 4 three-phase meters 6 single-phase meters.