GridLight™ Controller Features

	AmsCPU			AmsCPU-IO			gridCPU		gridDOT		
Feature	**– 2G**	**– 4G**	**– NB**	**– 2G**	**– 4G**	**– NB**	**– LoRa**	**– LTE**	**– LoRa**	**– LTE**	**– Radar**
2G	x	x	x	x	x	x		x		x	x
4G		x			x						
NB-IoT			x			x		x		x	x
LTE-M1			x			x		x		x	x
LoRaWAN							x				
External antenna	x	x	x	x	x	x	x	x			
Internal antenna									x	x	x
SIM card socket	x	x	x	x	x	x		x		x	x
eSIM option		x	x		x	x		x		x	x
Ethernet	x	x	x	x	x	x					
WiFi built-in							x	x	x	x	x
WiFi USB option	x	x	x	x	x	x					
GNSS								x		x	x
RTC with battery backup	x	x	x	x	x	x	x	x	x	x	x
Relays built-in				3	3	3	3	3			
Relay add-on module support	x	x	x	x	x	x					
Varistors built-in							x	x			
Analog light sensor input	x	x	x	x	x	x	x	x			
Leakage current sensor option				x	x	x					
Leakage current add-on module support	x	x	x	x	x	x					
3-phase current sensor add-on module support	x	x	x	x	x	x					
3 phase voltage monitoring	x	x	x	x	x	x					
Door open monitoring	x	x	x	x	x	x					
Battey backup add-on module support	x	x	x	x	x	x		x			
Modbus built-in				x	x	x		x			
Modbus add-on module support	x	x	x	x	x	x					
MBUS meter add-on module support	x	x	x	x	x	x					
DLMS/COSEM built-in				x	x	x					
DLSM/COSEM meter add-on module support	x	x	x	x	x	x					
Euridis meter add-on module support	x	x	x	x	x	x					
RS485 module add-on support	x	x	x	x	x	x					
S0 built-in				x	x	x					
PT-100 thermo sensor add-on module support	x	x	x	x	x	x					
DALI built-in									x	x	x
DALI add-on module support	x	x	x	x	x	x					
Radar built-in											x
TravelTime™ traffic monitoring option	x	x	x	x	x	x					
Air Quality polution monitoring option	x	x	x	x	x	x					
BLE Traffic Monitoring								x		x	x
Traffic based dimming										x	x
Bespoke sw solutions option	x	x	x	x	x	x					
Remote OTA software update	x	x	x	x	x	x		x		x	x
Wireless OS/SW update from app							x	x		x	x
USB interface	x	x	x	x	x	x					
ABUS interface	x	x	x	x	x	x					
RS232 interface	x	x	x	x	x	x					
RF Low Power Build In							x	x	x	x	x
Bluetooth USB option	x	x	x	x	x	x					
Analog input (can be digital)	2	2	2	2	2	2	1	2 (4)			
Digital input	1	1	1	1	1	1					
12V power out	x	x	x	x	x	x		x			
5V power out							x				
DIN rail mount	x	x	x	x	x	x	x	x			
Zhaga mount									x	x	x
230V AC power supply - 3 phase (one needed)	x	x	x	x	x	x					
230V AC power supply - 1 phase	x	x	x	x	x	x	x	x			
24V DC power supply via Zhaga									x	x	x
12V DC alternative power supply	x	x	x	x	x	x		x			
Operating System	Linux	Linux	Linux	Linux	Linux	Linux	FreeRTOS	FreeRTOS	FreeRTOS	FreeRTOS	FreeRTOS

All specifications are subject to changes

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