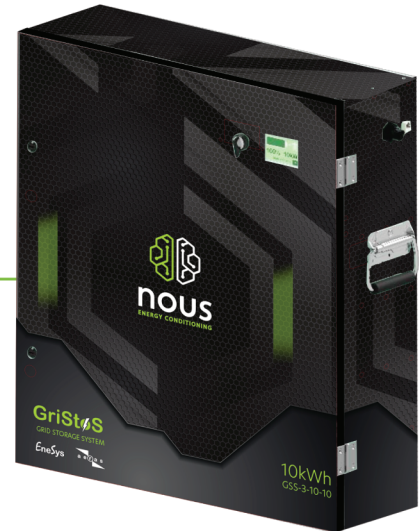


GRID STORAGE SYSTEM

GriStoS GSS-3-10-10

Technical specifications



Electrical characteristics		
Usable energy	10	kWh
Maximum charging power	10	kVA
Maximum discharging power	10	kVA
AC input voltage	400	V
Number of phases	3	-
Nominal grid frequency	50 / 60	Hz
Grid frequency range	45 ... 55 / 55 ... 65	Hz
Power factor range	0 ... 1	-
Cycle life	≥ 3000	Cycles
Storage temperature range	-20 ... 45	°C
Storage humidity	< 80	% RH
Discharging temperature range	-20 ... 60	°C
Charging temperature range	-10 ... 50	°C
Volumetric energy density	73.3	Wh/l
Gravimetric energy density	64.5	Wh/kg
Interfaces	LAN/Ethernet TCP/IP, Touchscreen	-
Charging method	CC/CV	-
Linear charging/discharging range	10 ... 85	% SOC
Cell chemistry	LiFePO4	-
AC output filter	Adaptive PFC	-
Anti-islanding protection	yes	-
Cooling type	Air cooled, forced convection	-

Mechanical characteristics		
Dimensions	708 x 912 x 228	mm
Volume	136.5	l
Weight	155	kg
IP rating	IP20	-
Mounting type	Floor mounting	-