

# luxra®

PURE  
ENERGY



#### COMPACT POWER, MAXIMUM IMPACT

Swiss-engineered efficiency in just 1.28 m<sup>2</sup>  
– delivering 21% superior energy density for  
optimal space utilization.



#### PREMIUM CELLS, PROVEN RELIABILITY

315Ah cells engineered for safety-first  
performance with extended lifecycle and  
95%+ efficiency.



#### INTELLIGENT USER- FRIENDLY CONTROL

Cloud-enabled remote monitoring with  
European software architecture – smart  
upgrades without vendor lock-in.



#### MODULAR DESIGN WITH SWISS PRECISION

Scalable parallel configuration with  
centralized EMS control – factory pre-  
commissioned for seamless plug-and-play  
deployment.



#### ALL-CLIMATE RESILIENCE

Engineered for extreme conditions with  
intelligent climate control dehumidification  
– ensuring reliable operation without  
condensing.

COMPLETE ENERGY INDEPENDENCE SOLUTIONS

**LUXRA® PURE STORAGE C&I 262 kWh CABINET**

PURE-PRO & PURE-CLASSIC  
C&I OUTDOOR LIQUID-COOLED  
ENERGY STORAGE CABINET



[WWW.LUXRA.CH](http://WWW.LUXRA.CH)

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125 kW

RATED  
OUTPUT POWER

110%

OVERLOAD CAPACITY

&lt;2%

THDi

IP55

LEVEL OF  
PROTECTIONINNOVATIVE AND SAFE  
LFP CELL DESIGN

PREMIUM SAFETY STANDARDS

## CELL PARAMETERS\*

## PURE-PRO &amp; PURE-CLASSIC

Type	LFP 315 Ah
Cell configuration	1P260S
Rated energy at DC side	262kWh
Voltage range	728V ~ 923V

## PCS PARAMETERS\*

## PURE-PRO

## PURE-CLASSIC

Rated output power	125kW	There is no pcs inside
Max output power	138kW	
THDi	<2% (rated power)	
Rated power grid voltage	230Vac / 400Vac	
Allowable voltage deviation	-15% ~ + 15%	
Max. current	200A	
Rated power grid frequency	50Hz / 60Hz (which can be set)	
DC component	<0.5%	
Overload capacity	110% long-term	

## SYSTEM PARAMETERS\*

## PURE-PRO

## PURE-CLASSIC

Dimensions (W*D*H)	950mm*1400mm*2330mm	950mm*1400mm*2120mm
Weight	2600kg	2400kg
Level of protection	IP55	IP55
Auxiliary power supply	Self-powered	External power supply

## PURE-PRO &amp; PURE-CLASSIC

Anti-corrosion grade	C4-M
Operating ambient humidity	0%~95% (non-condensing)
Operating ambient temperature	-20°C~55°C (derated when the operating temperature is over 45°C)
Max. operating altitude	4000m (derated when the operating altitude is over 2000m)
Cooling method	Liquid-cooled
Fire protection	Aerosol + combustible gas detection + ventilation + water extinguishing system
Communication interface	LAN
Communication protocol	Modbus TCP

\* Subject to actual delivery

## CERTIFICATION PURE-PRO

IEC62619, IEC63056, IEC62477, IEC62933, EN61000, UL9540A, UN38.3

## CERTIFICATION PURE-CLASSIC

IEC62619, IEC63056, IEC62477, EN61000, UL1973, UL9540A, UN38.3

## WARRANTY

Product Material & Workmanship	10 years
Cycle Life	8000 at 90% DoD



PURE-PRO



PURE-CLASSIC

The information contained in these specifications is subject to change without prior notice.  
Luxra Storage Solutions B.V. reserves the exclusive right to final interpretation of all content.



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