

# DATA SHEET

v 2.1 / August 2017



## Inverter

Type	S	M	L
<b>Power max.</b>	AC 50 kW	AC 100 kW	AC 200 kW
<b>Nominal voltage</b>	400 VAC (3 phase)	400 VAC (3 phase)	400 VAC (3 phase)
<b>UPS function</b>	max. 50 kW	max. 100 kW	max. 200 kW
<b>Switchover time</b>	< 10 ms	< 10 ms	< 10 ms
<b>Dimensions</b>	W: 700 mm D: 700 mm H: 1800 mm	W: 1200 mm D: 700 mm H: 1800 mm	W: 1200 mm D: 700 mm H: 1800 mm



## Storage unit

<b>Cell type</b>	LiFePO <sub>4</sub> (inherently safe type of Lithium-Ion battery)
<b>Cell manufacturer</b>	Sony
<b>Energy/Capacity</b>	32,0 kWh
<b>Nominal battery voltage</b>	819,2 V
<b>Cycle performance</b>	1C/1C @ 23°C and 100% DOD ca. 8.000 cycles
<b>Lifetime*</b>	more than 20 years
<b>Warranty**</b>	15 Years
<b>Ambient temperatures</b>	+5°C to 30°C
<b>Operating ambient humidity</b>	65 +/- 20% R.H.
<b>Dimensions</b>	W: 700 mm D: 700 mm H: 1800 mm



### Safety standards

Europe R&TTE standard | UL 1973 | FCC Part15 Class B (EMC)  
EN 60204-1 | EN 61000-6-2 | EN 61000-6-3

\* The life expectancy depends on your usage and the ambient temperature.

\*\*According to terms of manufacturer's warranties (Sony)