

Data sheet

Company Storage



Jurion CS 16/25



Jurion CS 16/49

Sizes	CS 8/12	CS 12/25	CS 16/25	CS 16/37	CS 16/49	CS 16/61	CS 36/49	CS 36/61	CS 36/86	CS 55/123
Connection line-commutated										
Nominal capacity in kVA	8	12	16	16	16	16	36	36	36	55
Max. charging and discharging power kW	8	12	16	16	16	16	36	36	36	55
Output voltage, nominal frequency	3 x 400 V, 50/60Hz									
Ability for rotary current	x	x	x	x	x	x	x	x	x	x
Reactive power compensation 0.7 (over/under excitation)	x	x	x	x	x	x	x	x	x	x
Grid type (consumer side)	TT/TN-C/TN-S									
Battery										
Storage technology	LiFePo4									
Storage capacity kWh	12,4	24,6	24,6	36,9	49,1	61,4	49,1	61,4	86	123
Depth of discharge (DOD)	70%	70%	70%	70%	70%	70%	70%	70%	70%	70%
Usable capacity in kWh	8,7	17,2	17,2	25,8	34,4	43,0	34,4	43,0	60,2	86,1
Time value replacement warranty	7 years									
Expected lifetime in complete cycles	7000									
Battery management system (BMS)	passive									
Certificate battery cells	UN38.3									
Efficiency										
Max. efficiency of inverter	97%									
Efficiency of entire system	90%									
Self-discharge per month	3%									
Operating modes/ functions										
Load guided self-consumption	x	x	x	x	x	x	x	x	x	x
Voltage leaded	x	x	x	x	x	x	x	x	x	x
Frequency leaded	x	x	x	x	x	x	x	x	x	x
Road map	x	x	x	x	x	x	x	x	x	x
Load management	x	x	x	x	x	x	x	x	x	x
Emergency power supply (optional)										
Non-linear driving capability	100%									
Ability for rotary current	100%									
Communication/interfaces										
Display 4 inch, 16:9 Touch	x	x	x	x	x	x	x	x	x	x
Data monitoring, local	x	x	x	x	x	x	x	x	x	x
Data monitoring, central server	x	x	x	x	x	x	x	x	x	x
Remote maintenance	x	x	x	x	x	x	x	x	x	x
Interface to the central server	IEC 60870-5-104 (VHP ready optional)									
Standards and regulations										
Entire system	DIN EN 61439									
EMC (electromagnetic conformity)	DIN EN 61000-6, DIN EN 61800-3									
EC declaration of conformity	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Setup conditions										
Protection class according to IEC 60529	IP54									
Ambient temperature in C°	8 - 36									
Height incl. socket 100	1900	1900	1900	1900	1900	1900	2100	2100	2100	2100
Total width in mm (depth = 500mm)	400+600	600+600	600+600	1000+600	3x600	2x1000 +600	2x600 +800	2x1000 +800	3x600 +800	4x1000
Weight in kg	390	550	550	700	840	1060	960	1260	1520	2000
Max. air flow rate	165	165	165	165	165	165	165	550	550	550
Max. noise emission in a 3m distance	51 dBA	51 dBA	51 dBA	51 dBA	51 dBA	51 dBA	59 dBA	59 dBA	59 dBA	59 dBA