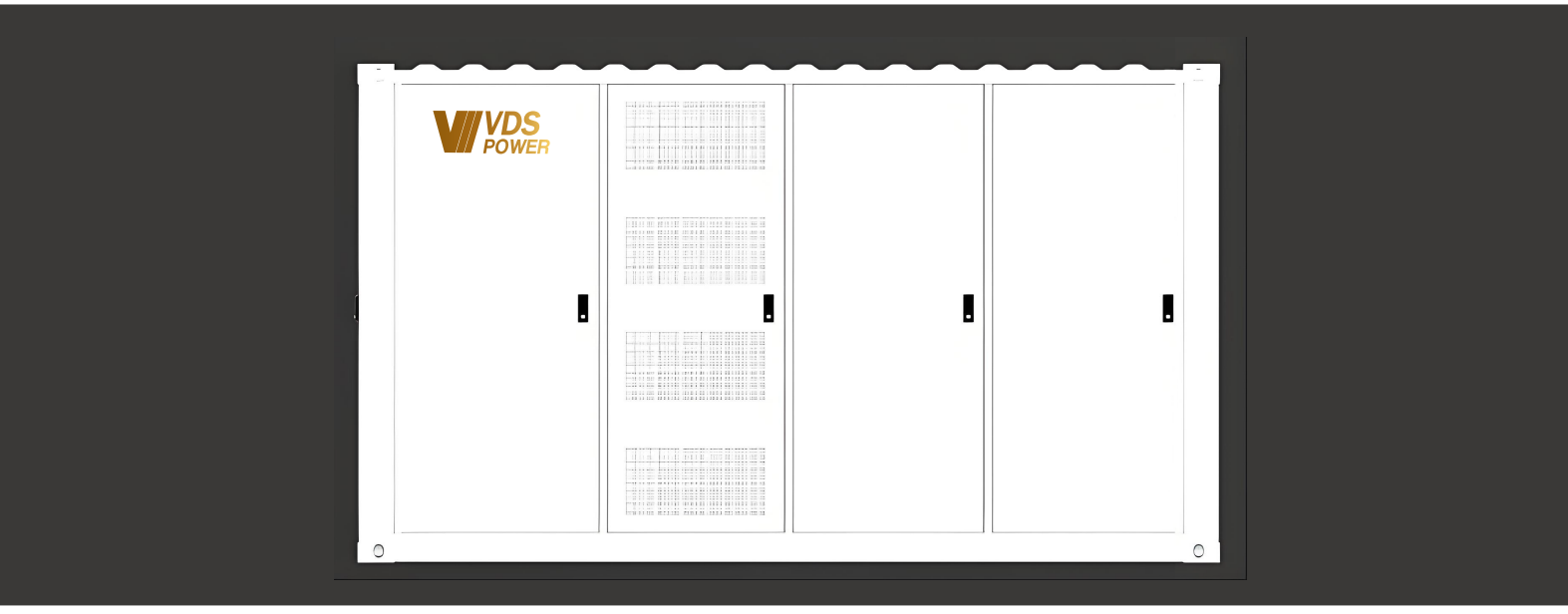
VDS POWER

C&I ESS SOLUTIONS

PRODUCT INFORMATION

VDS-P400KW/1045KWH-CL



Product advantages

Independent Design

- Independent arrangement of battery system and PCS;
- Compact structure IP55 protecting grade for out door installation environment.

Safe & Reliable

- Perfect protection mechanism:DC back connection protection,insulation detection,direct surge protection,DC short-circuit protection and AC surge protection,etc.

Convenient & Flexible

- Support multiple parallel connections to expand power and capacity;
- Plug and play interface,easy for installation,operation and maintenance.

Smart & User-friendly

- Seamless transition to backup mode against power outage;
- Support self-consumption,peak and valley arbitrage etc.various applications;
- Online monitoring,support remote/local upgrade.

Model No.		VDS-P400KW/1045KWH-CL
Battery Dat		
Battery type		Lithium-ion
Battery Cell capacity	V/Ah	3.2/314
Battery Cell combination		4P260S
Rated capacity	kWh	1045
Nominal voltage	v	832
Voltage range	v	689-949
Max charge/discharge current	A	680
DOD	%	95
Cooling method		liquid cooling
Weight	Ton	7.5T
Dimensions(WxDxH)	mm	3400*2525*2572mm
Fire protection		Pack aerosol＋Cluster aerosol＋Water Mist
AC Output (Gridside)		
AC rated Power	kw	400
AC Max Power	kVA	440
THDi	%	<3
Dc component	%	<0.5
AC rated voltage	AC/V	380/400
grid allowed voltage	Vac	380/400(-15%~15%)
ACinput model		3P+PE/3P＋N＋PE
Rated frequency	Hz	50/60
Adjusted PFrange		1(leading)~1(lagging)
CeneralParameter		
Protection grade		IP55
Anti-corrosion grade		C4/C5
Operating temperature	℃	-30~60(≥55℃ powerderating)
Altitude	m	4000(≥2000mDerated)

*The data sheet will be changed according to actual situation without prior notice.

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