



JV WITH KONKA
CHINESE STATE OWNED COMPANY

Energon DC300

Industrial & commercial Liquid Cooling ESS

Features



High energy, safe and scalable



Intelligent fire fighting system



Longer service life ensured by
PACK-level liquid cooling technology



Flexible working conditions, easy
to install and expand



Multi-scenario applications



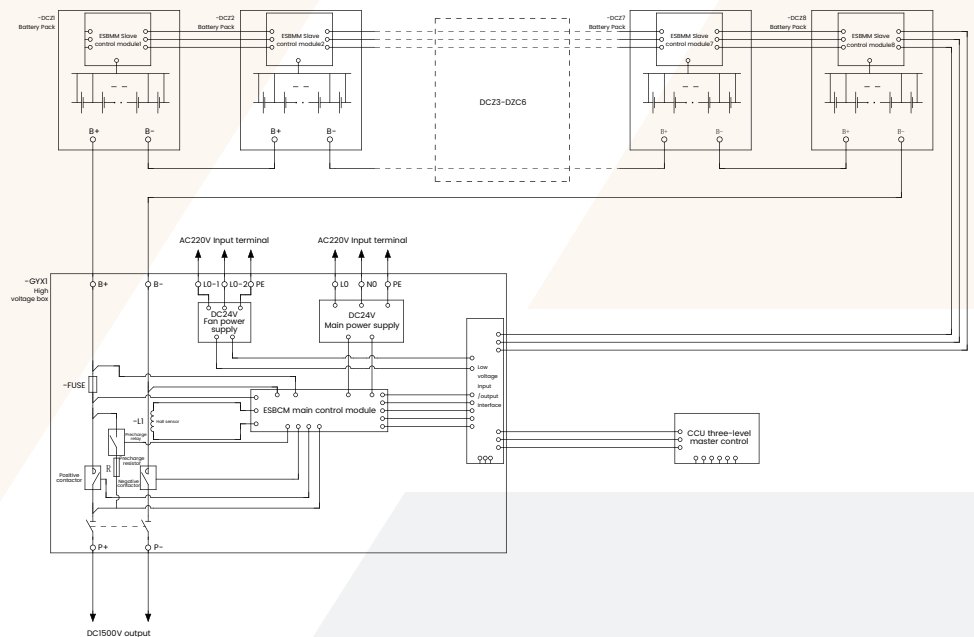
BMS ensures safety and optimal
operation of battery systems



Best LFP battery unit



IP55 protection level, meeting
outdoor requirements





Technical Parameter

Model	Energon DC300
Dc battery parameters	
Cell Type	LFP 280Ah
Battery Pack Configuration	43.008kWh
Battery system configuration	344kWh
Voltage Range	960~1401.6VDC
DC protection	MSD+Fuse
System Parameter	
Rated Voltage	1228.8VDC
System Efficiency	≥90%
Charge discharge rate	0.5P
Depth Of Discharge	0-100%DOD
Cycles	≥6000 (@ 80%)
Communication	RS485/CAN
Waterproof Level	IP55
Cooling	Liquid Cooling
Work Temperature	-25~60°C
Relative humidity	5-95% RH No condensation
Noise	< 72dBA@1m
Altitude	≤2000m
Dimension(W*D*H)	1340*1440*2350mm
Fire Protection System	Aerosol (perfluorohexanone & heptafluoropropane optional)
Weight	3060kg
Standards and Certifications	IEC62619 IEC62477 UN38.3