

SU192V25(204.8V25Ah)

DSU192V25



DESA DSU series adopts high-safety LiFePO₄ batteries, equipped with Leoch's self-developed BMS. Featuring a highly integrated single-module design, it is more suitable for low-power UPS, supporting both short-term and long-term backup power systems. It delivers safe and reliable power for various application scenarios.



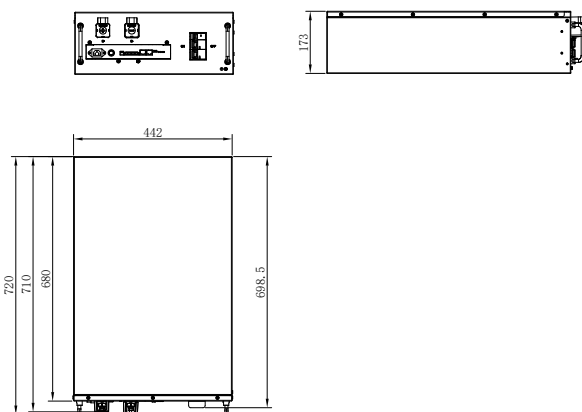
Characteristic

- Safe and stable LiFePO₄ technology
- Environmentally friendly, free from heavy metals
- Low self-discharge rate
- High cycle times and long life
- High energy density and conversion efficiency
- High-performance BMS battery management system
- Standard 19-inch rack-mount design, simple for integration

Discharge Data

Time(Mins)	15	20	30	45	60
Constant Power(Watts)	14336	12096	8512	5677	5120

Physical Dimension-mm



Specification

Nominal Voltage	204.8V	
Rated Capacity	25Ah	
Energy	5120Wh	
Max. Output Power	5120kWh	
Dimensions(W*D*H)	442*680*173mm	
Weight	Approx. 58Kg	
Backup Time	14.3kW@60min	
Material System	LFP	
Case Material	SPCC	
Terminal Type	M8	
LCD Screen	No	
Ingress Protection	IP20	
Cycle Life	≥ 2500 cycles (@80%DOD,25°C)	
Design Life	≥ 15 years	
Operation Temperature	Charge	0~55°C
	Discharge	-10~60°C
	Storage	-10~35°C
Relative Humidity	5%~95%R.H	
Recommended Charge Current	12.5A	
Recommended Charge Voltage	220.8V	
Discharge Cut-off Voltage	179.2V	
Self-discharge Rate	≤ 3%/Month@25°C	
Communication Interface	RS485,CAN/ Dry contact*3	