

# SU192V25(204.8V25Ah)

## DSU192V25



DESA DSU series adopts high-safety LiFePO<sub>4</sub> 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.



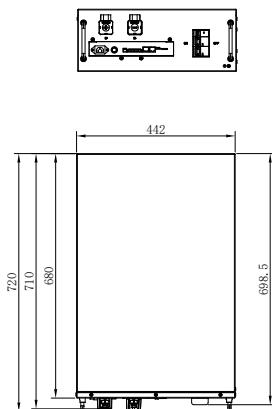
### Characteristic

- Safe and stable LiFePO<sub>4</sub> 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	5120kW
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
Charge	0~55°C
Operation Temperature	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