

# SU72V100(73.6V100Ah)

## DSU72V100



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.



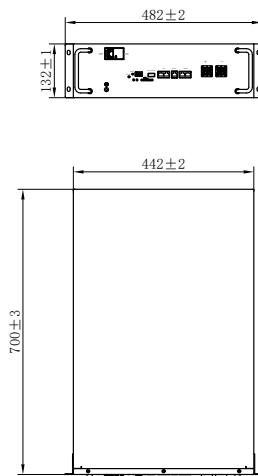
### Characteristic

- 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(h)	1	2	3	5	10
Constant Power(Watts)	7000	3600	2450	1470	736

### Physical Dimension-mm



### Specification

Nominal Voltage	73.6V
Rated Capacity	100Ah
Energy	7360Wh
Max. Output Power	7.36kW
Dimensions(W*D*H)	442*700*132mm
Weight	Approx. 65Kg
Backup Time	7kW@60min
Material System	LFP
Case Material	SPCC
Terminal Type	M6
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	50A
Recommended Charge Voltage	79.35V
Discharge Cut-off Voltage	64.4V
Self-discharge Rate	≤3%/Month@25°C
Communication Interface	RS485,RS232, CAN,Dry contact*2