

Durasol Energi Technof Series CE-5 & CE-10 wall mounted energy storage power supply is a high-tech product with multiple application scenarios which is developed by Intelenergi. The battery has small size, light weight with long cycle life and supports rapid charging. It adopts advanced intelligent power supply with protection functions of over charge, over discharge, over current and temperature and has outstanding advantages in the application field of household energy storage.

### Salient Features

- Extremely simple design in appearance
- Elegant appearance IP40, IP20
- It supports multiple battery modules in parallel upto 15 modules
- Easy installation and maintenance, customized design to meet the requirements of different customers
- Multiple protection and alarm system, safe and reliable.



Parameters / TFWM		CE-5	CE-10
Battery parameters	Rated voltage	51.2 V	51.2 V
	Rated Capacity	100Ah	200Ah
	Energy	5120Wh	10240Wh
	Operating Voltage range	44~57.6V ±1V	44~57.6V ±1V
	Recommended Charge Current	0.5 C (50A)	0.5 C (100A)
	Recommended Discharge Current	0.5 C (50A)	0.5 C (100A)
	Max Discharge Current	1 C (100A)	1 C (200A)
	Type of battery	LFP battery (LiFePO4)	LFP battery (LiFePO4)
	Cell Combination	16S1P	16S2P
	Protection functions	Over voltage, under voltage, over temperature, low temperature, over current, short circuit	
	Self-discharge rate @25	<3% (90 days storage)	
Operating condition	Storage temperature range	0~45°C	0~45°C
	Operating temperature range	Charge 0°C ~50°C	Charge 0°C ~50°C
		Discharge -15°C ~55°C	Discharge -15°C ~55°C
	Operating humidity condensing	5%~95%	5%~95%
Other function	Cell equalizer	Cell equalizer	
Others	Cycle life	6000 cycles @ 0.5C, 80% DOD, @25°C 4000 cycles @ 0.5C, 100% DOD, @30°C	
	Weight (apprx)	46kg	85kg
	Dimension (L * W * H)	430*186*600 ± 1mm	680*415*235 ± 1mm
	Heat dissipation method	Natural cooling	Natural cooling
	Installation method	Wall hanging	Wall hanging
	Communication method	CAN/RS485	CAN/RS485
	Protection Class	IP-40	IP-20
	Application	Indoor	Indoor
	Combination	15P	15P
Matched inverter	Durasol Energi, Pylon, Growatt, SRNE Solar, Goodwe, Ginlong, Pengcheng, Riyueyuan, Victron, Sorotek, Schneider, SMA, Meishile, TBB, studer,Deye		

### Applications



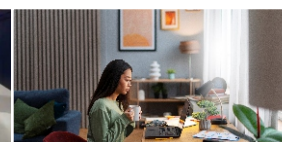
Hybrid Solar Systems



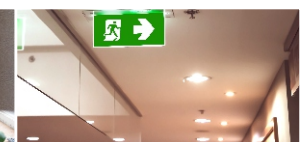
Stand alone Off Grid Solar System



Online UPS systems



Residential Inverters/  
Converter Systems



Emergency power backup