



Product Catalogue

EcoCell



Renewaa EcoCell

- Compact design with long-lasting power output
- Equipped with thermal management to ensure reliability
- Ideal for portable energy solutions, and backup power systems

Features

- Power Packed Performance in a Compact Design
- Floor Mounted design for Easy installation
- Real-time Bluetooth Monitoring via your smart phone
- Durability and longevity, ensuring long-term performance
- High-quality construction ensures safety all the time
- Minimal Maintenance



SPECIFICATIONS

	EC12050	EC12100	EC12100	EC12150	EC12200	EC12230	EC12280	EC12300	EC24050	EC24100	EC24100	EC24150	EC24200	EC24230	EC24280	EC24300	EC48050	EC48100	EC48132	EC48150	EC48200	EC48230	EC48280	EC48300
Model	0.625kWh	1.25kWh	1.69kWh	1.875kWh	2.5kWh	2.9kWh	3.5kWh	4kWh	1.25kWh	2.5kWh	3.3kWh	3.75kWh	5kWh	5.8kWh	7.1kWh	8kWh	2.5kWh	5kWh	6.7kWh	7.6kWh	10kWh	11.5kWh	14kWh	16kWh
Capacity	50Ah	100Ah	132Ah	150Ah	200Ah	230Ah	280Ah	314Ah	50Ah	100Ah	132Ah	150Ah	200Ah	230Ah	280Ah	314Ah	50Ah	100Ah	132Ah	150Ah	200Ah	230Ah	280Ah	314Ah
Battery Type	LFP								LFP								LFP							
Nominal Voltage	12.8V								25.6V								51.2V							
Operating Voltage	12V - 14.4V								24V - 28.8V								48V - 57.6V							
Charge/Discharge Current	40A				100A				40A				80A				40A				80A			
Charge/Discharge Power	500W				1000W				1000W				2000W				2000W				4000W			
Max. Charge/Discharge Current	50A				120A				50A				120A				50A				120A			
Max. Charge/Discharge Power	640W				1250W				1250W				3000W				2500W				6000W			
Depth of Discharge (DOD)	>95%								>95%								>95%							
Scalability	Upto 6 units in parallel								Upto 6 units in parallel								Upto 6 units in parallel							
Communication	RS485 / CAN								RS485 / CAN								RS485 / CAN							
Protection Level	n/a								n/a								n/a							
Cycle Life (80% DOD)	5000				10000				5000				10000				5000				10000			
Charging Temperature	0-55°C								0-55°C								0-55°C							
Discharging Temperature	(minus) 20 - 60°C								(minus) 20 - 60°C								(minus) 20 - 60°C							
Display	Optional								Optional								Optional							
Installation	Floor Mounted								Floor Mounted								Floor Mounted							
Protection	Built in Smart BMS								Built in Smart BMS								Built in Smart BMS							
Warranty	10 Years								10 Years								10 Years							
Net Weight	6.8kg	11.7kg	13.8kg	15.9kg	21.2kg	22.3kg	28.3kg	30.9kg	11.2kg	21.2kg	24.2kg	29.8kg	40.5kg	42.9kg	55.2kg	60.6kg	24.8kg	43.6kg	50.2kg	59.4kg	79.6kg	83.5kg	106.7kg	116.8kg
Product dimensions (W*L*H)	212*230*176	212*304*176	212*332*176	212*379*176	236*453*176	290*498*176	306*572*176	333*602*176	209*264*176	236*291*176	236*302*176	263*319*176	290*347*303	306*363*303	333*391*303	345*453*303	334*463*227	358*512*227	358*534*227	382*561*227	406*610*303	421*640*303	445*689*303	455*708*303

OUR PRODUCTS



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