



INTEGRA

- Working for your comfort -

OFFICIAL AGENT - DISTRIBUTOR - AFTER SALES SERVICE
FOR ITALIAN MARKET



energy storage system

ONE BATTERY FOR ALL APPLICATIONS
SYSTEM UP TO 327,68 KWH

Residential ESS

Lithium-ion Battery CFE-5100



Efficient and flexible

Simple buckle fixing minimize the installation time and cost, Flexible to increase voltage capacity without any other equipments or settings.



Excellent quality

80% of initial capacity after 6000, Integrated WiFi Modem OTA online upgrade convenient after-sales service



Safe and secure

LFP(Lithium ion Phosphate) the highest safety, Up to 8 Series or Parallel.



Efficient management

Accurate sampling of voltage and current SOC mathematic more accurate and never jump.



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Model	CFE-5100
Total Energy*	5.1 kWh
Usable Energy(DC)	4.6 kWh
Max. Discharge Power	3.0 KW
Rated Capacity	100 Ah
Voltage	48~56 Vd.c
Nominal Voltage	51.2 Vd.c
Operating Condition	Indoor
Charge Operating Temperature	0~45 °C
Discharge Operating Temperature	-10~55 °C
Dimensions (W*D*H)	442*500*133 mm
Weight	42±0.5 kg
IP Rating	IP 20
Protective Class	I
Parallel or Series Support	8 Parallel or Series
Relative Humidity (RH)	20~60% (No condensed water)
Cooling Type	Ambient cooling
Case Material	Metal
Color	Black
Installation	Cabinet, Wall Mounting, Ground Installation
Warranty	10 Years
Communication	CAN/RS485
Protection Mode	Triple Hardware Protection
Battery Protection	Over-Current/ Over-Voltage/ Short Circuit/ Under-Voltage/ Over Temperature
Safety Certificate	CE & TUV (IEC 62619, IEC 62040) UL1973



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