RUNDA SOLAR

Data center

Commercial buildings

Industrial park

energy storage

Safe and reliable

Phosphate ferroelectric cell,Advanced battery safety management system that meets the requirements of IEC/UL/GB standards. Multiple sampling point coverage, real-time data feedback, independent single cluster battery, no circulation, more secure.

Intelligent operation and maintenance of cloud platforms

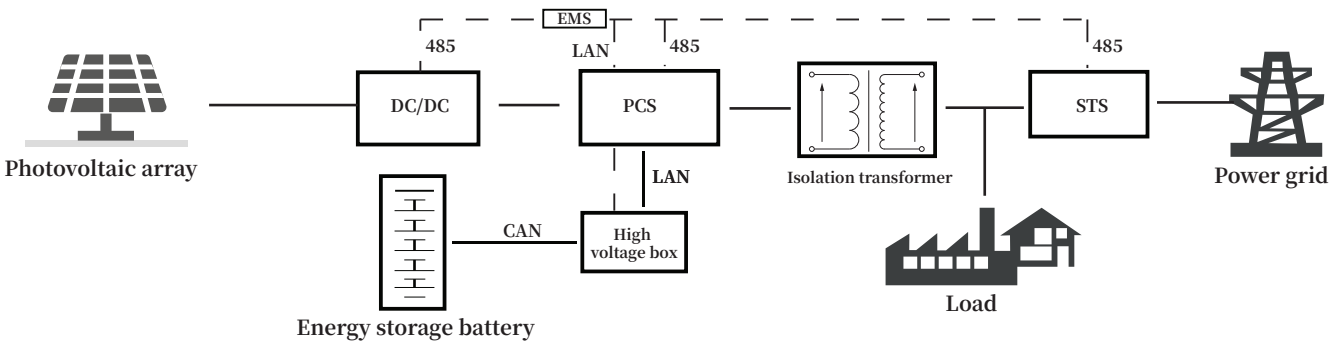
Intelligent EMS system, multifunctional digital system.Fast diagnosis, and support for remote monitoring and human-machine friendly interaction.

ALL-IN-ONE design

Small footprint, easy to install and maintain.IP55 protection level meets multiple environmental applications.

Multi scenario application

Supporting multiple scenario operation modes, including microgrids, distributed forced allocation, and flexible backup for peak valley arbitrage.



Energy Cube Series

Technical Parameters	RSEC-100KWH-50KW	RSEC-215KWH-100KW
Battery Data		
Battery Type (V)	LFP(LiFeP04)	LFP(LiFeP04)
Battery Capacity (AH)	280	280
Battery Configuration	1P112S	1P240S
Battery Pack Protection Level	IP20	IP20
Cooling System	Fan cooling	Fan cooling
Charging Temperature	0～55℃	0～55℃
Discharging Temperature	- 10～50℃	- 10～50℃
Nominal Current	140A (0.5C)	140A (0.5C)
Battery Voltage Range (V)	313~403	672~864
Max. Charging / Discharging Current (A)	140/140 (0.5C)	140/140 (0.5C)
System Storage Power (KWh)	100	215
PV Input Data		
Recommended Max. PV Power(kW)	50	100
MPPT Voltage Range (V)	0～900	0～900
MPPT channels	1	1
AC Output Data(On Grid)		
Rated Output Power (KVA)	50	100
Rated AC Voltage(V)	400	400
Rated AC Current(A)	80	145
Nominal Frequency (Hz)	50/60	50/60
Power Factor	1(leading)~-1(lagging)	1(leading)~-1(lagging)
Output THDi	＜3%	＜3%
Wiring	3L+N+PE	3L+N+PE
AC Output Data(Off Grid)		
Rated Output Power(KW)	50	100
Rated AC Voltage (V)	400	400
Nominal Frequency (Hz)	50/60	50/60
Maximum AC Current (A)	80	150
Unbalanced Load Capacity	100%	100%
Wiring	3L+N+PE	3L+N+PE
General Data		
General Data	IP55	IP55
Operation Temperature	Charging:0℃~55℃ Discharging:-10℃~50℃	Charging:0℃~55℃ Discharging:-10℃~50℃
Operation Humidity	0～95%	0～95%
Noise Level	≤75dB	≤75dB
Operating Altitude	≤3000m	≤3000m
Dimension W*D*H (mm)	1900*1300*2340	1900*1300*2340
Weight (kg)	≈2000	≈3000
Cable Connection	Cable entry and exit at the bottom of the cabinet	Cable entry and exit at the bottom of the cabinet
Isolation transformer	Optional	Optional
Shutdown Self-consumption (W)	＜10%	＜10%
Cooling System	Air Conditioner/Fan	Air Conditioner/Fan
Installation Environment	Outdoor	Outdoor
Installation Method	Landing	Landing
Communication	RS485 / CAN /4G / LAN (Optional)	RS485 / CAN /4G / LAN (Optional)
Humidity range	5%～85%RH (No condensation)	5%～85%RH (No condensation)
Warranty	5 Years (10 Years Optional)	5 Years (10 Years Optional)
Certification	UN38.3,IEC62619,IEC61000,IEC62477	UN38.3,IEC62619,IEC61000,IEC62477

Jiangsu Runda PV Co.,Ltd

Tel:+86-0510-83801000 Fax:+86-0510-83802000

Webwww.rundapv.com Mail:sales@rundapv.com