



Safety Certified Via:
MSDS, UN38.3

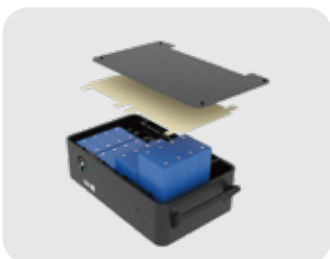
contact details

+86-755-2838 0586
office@wirentech.com
www.wirentech.com
Operation center (China) : 201, Bld 1, Luwu Branch
No. 6407 Pingshan Avenue, Jinsha Community,
Kengzi Street, Pingshan District, Shenzhen City

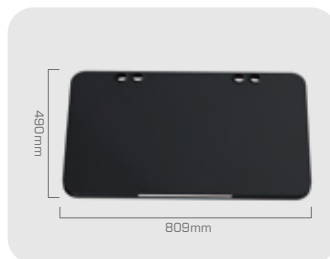
SPEC SHEET

Model	RS-51300(51.2V300Ah)	RS-25600(25.6V600Ah)
Energy Rating	51.2V 300AHh (15.36kwh)	25.6V 600AHh (15.36kwh)
Energy Scalability	16 x Parallel (245.76kwh)	16 x Parallel (245.76kwh)
Charging/Discharging		
Max Continues Discharge power	200A (10.24kw)	250A (6.4kw)
Recommended Discharge power	180A (9.216kw)	200A (5.12kw)
Peak Discharge Power (3sec)	300A (15.36kw)	500A (12.8kw)
Max Continues Charging Power	180A (9.216kw)	200A (5.12kw)
Peak Charging Power (30min)	200A (10.24kw)	250A (6.4kw)
Recommended Absorb Volts	56.8V	28.4V
Max Absorb Volts (Solar Only)	57.6V	28.8V
Absorb Done Amps (Per Battery)	5A	5A
Absorb Done Time	10min	10min
Float Voltage	54.4V	27.2V
Temp Comp-MV Degrees Celsius	0	0
Max Recommended Discharge	51V (20%)	25.5V (20%)
Inverter Low Battery Cutout	48V	24V
Low Volts Cutout Wakeup	44V	22V
High Volts Cutout Wakeup	55V	27.5V
Installation Requirements		
Ventilation Required	NO	NO
Minimum Environment Temp	32° F	32° F
Maximum Environment Temp	120° F	120° F
IP Rating	IP50	IP50
Outdoor Rated	NO	NO
Installation Position	Horizontal with base unit only	
Maximum Batteries Per Stack	6	6
Terminal Specs		
M8 Stainless Steel	Bolt-on	Bolt-on
Max Terminal Torque	20ft-LBS	20ft-LBS
Cycle Life Rating		
Rated Cycle Life (100% DOD)	3000 cycles	3000 cycles
Rated Cycle Life (80% DOD)	4500 cycles	4500 cycles
Rated Cycle Life (50% DOD)	7000 cycles	7000 cycles
Retained Capacity at end of Cycle Life	80%	80%

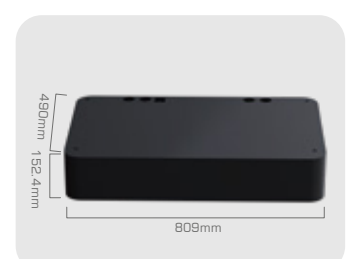
Safety Features		
Breaker Current Rating	20 0A	250A
BMS Low Voltage Disconnect	41 +/-1V	20.5 +/-1V
BMS High Voltage Disconnect	59 +/-1V	29.5 +/-1V
BMS Low Temp Charging Disconnect	32° F	32° F
BMS Low Temp Discharging Disconnect	-0° F	-0° F
BMS High Temp Disconnect	135° F	135° F
Pressure Vented Cells	Yes	Yes
Rapid Shut Down Function (RPSD)	No	No
Certifications		
Battery Certifications	—	—
Transport	UN 38.3	UN 38.3
Internal Components		
Cell Chemistry	LiFePO4	LiFePO4
Cell Format	Prismatic	Prismatic
Balancing Type	pactive	pactive
Max Balancing Current	2A	2A
Cell Connection	Welded Bus Bar	Welded Bus Bar
Touchscreen LCD Features		
State – of – Charge	No	No
Pack Voltage	Yes	Yes
Charging/Discharging Current	Yes	Yes
Individual Cell Voltage	No	No
Fault Logging	No	No
Inverter Com. Selection	No	No
Physical Dimensions		
Battery	37.56"x19.53"x9.84"	37.56"x19.53"x9.84"
Base	31.85"x19.3"x6"	31.85"x19.3"x6"
Lid	31.85"x19.3"x0.8"	31.85"x19.3"x0.8"
Weight		
Battery	198lb	198lb
Base	65lb	65lb
Lid	21.8b	21.8b



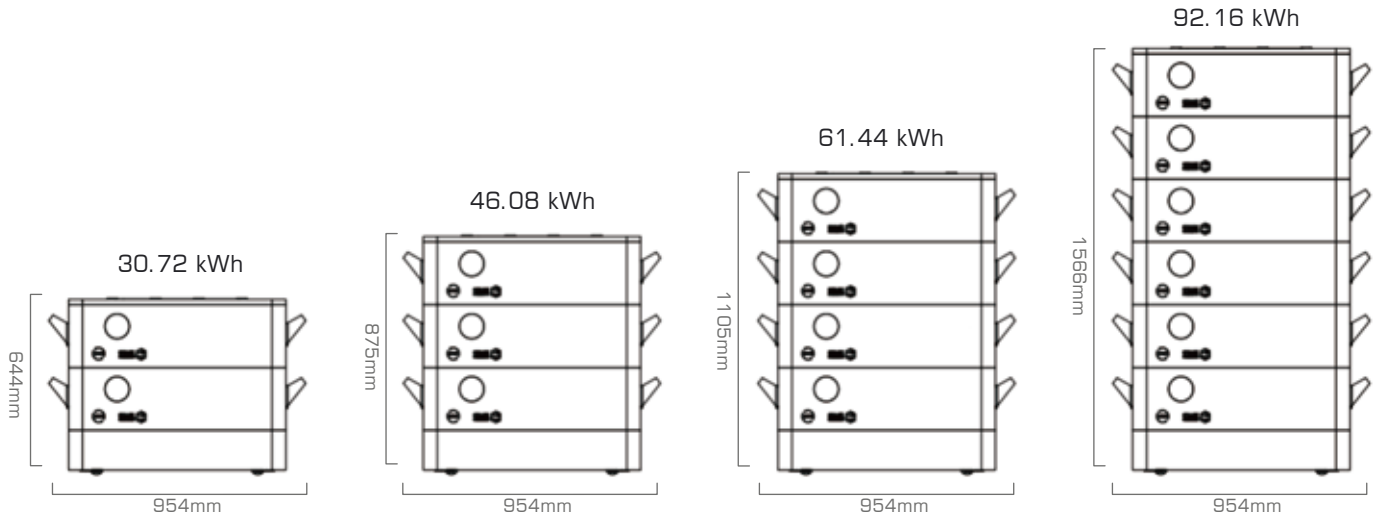
51.2V300Ah/25.6V600Ah
(Internal View)



51.2V300Ah/25.6V600Ah
(Lid sizes)



51.2V300Ah/25.6V600Ah
(Base sizes)



RS-51300/RS-25600



Side View



Front View



Individual Battery Modules