

WELL

PROTECT

**Energy
Storage
Solutions**

September 2025



Flicker series

Model	Flicker 12.8 V	Flicker 25.6 V
	1.28 kWh	2.56 kWh
Nominal Voltage [V]	12.8	25.6
Rated Capacity [Ah]	100	100
Charge Voltage [V]	14.6	29..2
Standard Charging Current [A]	20	20
Standard Discharging Current [A]	50	50
Max.Charging Current [A]	100	100
Max.Discharging Current [A]	100	100
Discharge Cut off Voltage [V]	10	20
Nominal Energy [kWh]	1.28	2.56
Operating Temp.Charge	0 to 60 Degree C	
Operating Temp.Discharge	-10 to 65 Degree C	
Working Humidity	Less than or equal to 90% RH	
Working Altitude	Less than or equal to 4000 m	
IP Rating	IP 65	
Weight [Kg]	14	26
Mobile Application Connectivity Feature	Available	
Battery SOC Indicator	Available	
Dimension [mm]-L*W*H	320X190X250	370X225X175



Pulse series



Model	Pulse 51.2 V 5.1 kWh	Pulse 51.2 V 11.7 kWh	Pulse 51.2 V 20 kWh
Nominal Voltage [V]	51.2	51.2	51.2
Rated Capacity [Ah]	100	200	400
Charge Voltage [V]	58.4	58.4	58.4
Standard Charging Current [A]	20	20	20*4
Standard Discharging Current [A]	100	200	100*4
Max.Charging Current [A]	100	200	100*4
Max.Discharging Current [A]	100	200	100*4
Discharge Cut off Voltage [V]	42	42	42
Nominal Energy [kWh]	5.1	11.7	20
Operating Temp.Charge	0 to 60 Degree C		
Operating Temp.Discharge	-10 to 65 Degree C		
Working Humidity	Less than or equal to 90% RH		
Working Altitude	Less than or equal to 4000 m		
Weight [Kg]	43	106	210
Mobile Application Connectivity Feature	Available		
Battery SOC Indicator	Available		
Dimension [mm]-L*W*H	560X470X170	670X485X244	600X600X1000
Series			
Parallel			



Spark series

Model	Spark 51.2 V 14.33 kWh	Spark 51.2 V 16.07 kWh	Spark 51.2 V 30.72 kWh
Electrical Data			
Nominal Voltage [V]	51.2	51.2	51.2
Rated Capacity [Ah]	280	314	600
Charge Voltage [V]	58.4	58.4	58.4
Standard Charging Current [A]	20*3	20*4	20*4
Standard Discharging Current [A]	100*3	100*4	100*4
Max.Charging Current [A]	100*3	100*4	100*4
Max.Discharging Current [A]	100*3	100*4	100*4
Discharge Cut off Voltage [V]	42	42	42
Nominal Energy [kWh]	14.33	16.07	30.72
General Data			
Operating Temp.Charge	0 to 60 Degree C		
Operating Temp.Discharge	-10 to 65 Degree C		
Working Humidity	Less than or equal to 90% RH		
Working Altitude	Less than or equal to 4000 m		
Weight [Kg]	140	180	220
Mobile Application Connectivity	Available		
Battery SOC Indicator	Available		
Dimension [mm]-L*W*H	600X600X1000	600X600X1200	600X600X1500
Series			
Parallel			



Glow series

Model	Glow 1	Glow 2	Glow 3	Glow 4	Glow 5	Glow 6
Electrical Parameters						
Nominal Energy [1] [kWh]	5	10	15	20	25	30
Nominal Power [kW]	2.88	5.76	8.64	11.52	14.4	17.28
Nominal Voltage [V]	96	192	288	384	480	576
Voltage Range [V]	81 ~ 108	162 ~ 216	243 ~ 324	324 ~ 432	405 ~ 540	486 ~ 648
Max. Continuous Charging / Discharging Current [A]	30 / 30					
Depth of Discharge	90%					
Cooling	Natural					
General Data						
Battery Technology	LiFePO4					
Dimensions [W * H * D] [mm]	600 * 289 * 385	600 * 428 * 385	600 * 567 * 385	600 * 706 * 385	600 * 845 * 385	600 * 984 * 385
Weight [kg]	64	110.3	156.6	202.9	249.2	295.5
Ingress Protection	IP65 [Indoor or Outdoor]					
Installation Type	Floor Stand					
Operating Temperature Range [2] [°C]	-10 ~ +55					
Communication	CAN, RS485					
Cycle Life	6000 @80% DOD / 25°C / 0.2C / 60% EOL					
Warranty [3] [years]	10					
Operating Altitude [m]	≤ 2000					



Model	Surge 6	Surge 7	Surge 8	Surge 9	Surge 10	Surge 11	Surge 12
Electrical Parameters							
Number of Modules	6	7	8	9	10	11	12
Nominal Energy ^[1] [kWh]	30.72	35.84	40.96	46.08	51.2	56.32	61.44
Nominal Power [kW]	15	17.5	20	22.5	25	27.5	30
Nominal Voltage [V]	307.2	358.4	409.6	460.8	512	563.2	614.4
Voltage Range [V]	259.2 ~ 345.6	302.4 ~ 403.2	345.6 ~ 460.8	388.8 ~ 518.4	432 ~ 576	475.2 ~ 633.6	518.4 ~ 691.2
Max. Continuous Charging / Discharging Current [A]	50 / 50						
Depth of Discharge	90%						
Cooling	Natural						
General Data							
Battery Technology	LiFePO4						
Dimensions (W * H * D) [mm]	600 * 984 * 385	600 * 1123 * 385	600 * 1262 * 385	600 * 1401 * 385	600 * 1540 * 385	600 * 1679 * 385	600 * 1818 * 385
Weight [kg]	310	360	410	460	510	560	610
Ingress Protection	IP65 (Indoor or Outdoor)						
Installation Type	Floor Stand						
Operating Temperature Range ^[2] [°C]	-10 ~ +55						
Communication	CAN, RS485						
Cycle Life	6000 @80% DOD / 25°C / 0.2C / 60% EOL						
Warranty ^[3] [years]	10						
Operating Altitude [m]	≤ 2000						



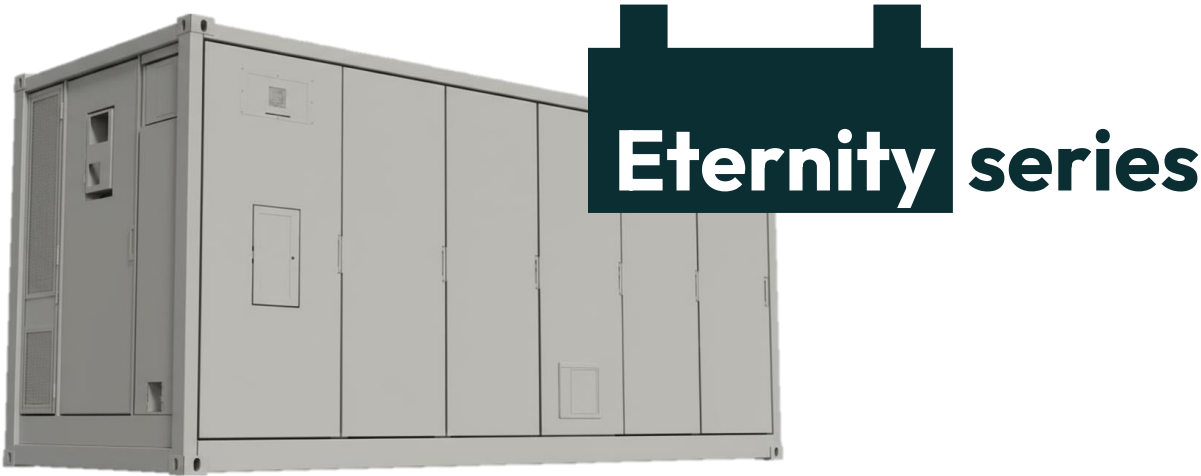
Blaze series

Model	Blaze 50 kW 83.6 kWh / 94 kWh	
AC Output		
Max. AC Output Active Power [W]	49900	50000
Rated AC Output Current [A]	72.4	72.5
Rated AC Output Voltage [V]	3 / N / PE, 230 / 400	
Grid Frequency [Hz]	50 / 60	
Adjustable Power Factor [cos φ]	1(0.9 leading ~ 0.9 lagging)	
Output THDi (@Rated Output)	< 3%	
AC Input		
Max. AC Input Apparent Power [VA]	54890	55000
Max. AC Input Current [A]	79.6	80.0
Rated AC Input Voltage [V]	3 / N / PE, 230 / 400	
Grid Frequency [Hz]	50 / 60	
Battery Model		
Battery Technology	LiFePO4	LiFePO4
Nominal Capacity [Ah]	204 (102 * 2)	204 (102 * 2)
Battery Configuration	16S2P * 8	16S2P * 9
Nominal Energy [kWh]	83.6	94
Norminal Voltage [V]	409.6	460.8
Voltage Range [V]	358.4 ~ 467.2	403.2 ~ 525.6
Max. Continuous Charging / Discharging Current [A]	102 / 102	102 / 102
Nominal Power [kW]	41.8	47
Depth of Discharge	95%	95%
System General Data		
Dimensions (with Inverter) (W * H * D) [mm]	1330 * 1950 * 1425	
Dimensions (without Inverter) (W * H * D) [mm]	1000 * 1950 * 1425	
Weight (with Inverter) [kg]	1227	1313.5
Weight (without Inverter) [kg]	1152	1238.5
Ambient Temperature Range [°C]	-20 ~ +55	
Relative Humidity	0 ~ 95%	
Operation Altitude [m]	≤ 2000	
Topology	Transformerless	
Cooling	Air-conditioner	
Fire Protection	Aerosol	
Communication	CAN, RS485, USB Update, WiFi, 4G, Ethernet	
Ingress Protection	Cabinet: IP55; Inverter: IP65	
Cycle Life	6000 @90% DOD / 25°C / 0.5C	



Inferno series

ESS Model	Inferno 125	Inferno 250	Inferno 500
Battery			
Battery Technology		LiFePO4	
Nominal Capacity [Ah]		314	
Battery Configuration	1P260S * 1	1P260S * 2	1P260S * 4
Nominal Energy [kWh]	261	522	1044
Normal Voltage [V]		832	
Voltage Range [V]		728 ~ 949	
Max. Continuous Charging / Discharging Current [A]	157 / 157	314 / 314	628 / 628
Depth of Discharge		95%	
Cycle Life	6000 @90% DOD / 25¥ / 0.5C		
AC Output			
Max. AC Apparent Power [kVA]	138	276	552
Rated AC Power [kW]	125	250	500
Max. AC Current / Backup Output [A]	208/181	416/362	832/724
Rated AC Voltage [V]		3 / N / PE, 400	
Grid Frequency [Hz]		50	
Adjustable Power Factor [cosφ]		-1 ~ +1	
Output THDi (@Rated Output)		< 3%	
Charging and Discharging Switch Time [ms]		< 100	
AC Input			
Max. AC Input Power [kVA]	250	500	800
Max. AC Input Current [A]	362	724	1160
Rated AC Voltage [V]		3 / N / PE, 400	
Grid Frequency [Hz]		50	
Backup Output			
Automatic Switch Time [ms]		< 20	
Overload Capability		1.1 times rated long term, 1.2 times rated not less than 1 minute.	
General Data			
Dimensions (W * H * D) [mm]	1850 * 2100 * 1400	2800 * 2100 * 1400	6058 * 2591 * 2438
Weight [kg]	3000	5500	12000
Ambient Temperature Range [°C]		-20 ~ +50	
Relative Humidity		0 ~ 95%	
Operation Altitude [m]		≤ 2000	
Topology		Transformerless	
Cooling		Fan + Liquid (Battery)	
Fire Protection		Aerosol	
Communication		CAN, RS485, USB Update, WiFi, 4G, Ethernet	
Ingress Protection		IP54	



Items	Eternity 3.72 Mwh	Eternity 5.01 Mwh	Eternity 6.25 Mwh
Electrical Parameters			
Cell Chemistry	LiFePO4 (LFP)	LiFePO4 (LFP)	LiFePO4 (LFP)
Assembly Configuration	416S10P	416S12P	416S12P
Nominal Voltage	1331.2V	1331.2V	1331.2V
Voltage Range	1040V~1500V	1040V~1500V	1040V~1500V
Nominal Energy	3.727MWh	5.016MWh	6.25MWh
Dimension	6058×2438×2896 (mm)	6058×2438×2896 (mm)	6058×2438×2896 (mm)
Weight	36t	44.5t	49t

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