eTank

Technical Datasheet

Electrical Parameters

Total Rated Energy [kWh]	7.95
MDOD	90%
Usable Energy [kWh]	7.16
Rated Capacity [Ah]	153.6
Nominal Voltage [V]	51.8
Voltage Range [V]	42 - 58.8
Standard Charge/Discharge Current [A]	61.5
Maximum Power [kW]	5.1
Max Charge/Discharge Current [A]	121
Peak Power [kW] (30 secs)	6.7
Peak Current [A] (30 secs)	160
Protection	MOSFET
Round Trip Efficiency	>95%
Expansion in Parallel	Up to 8 Units

Environmental Specifications

Operating Temperature [°C]	-20 - +60
Operating Humidity	25% – 90%
Storage Temperature [°C]	-20 - +60
Cooling Type (≥35 °C)	TEC Air Conditioning
IP Rating	IP55
Noise [dB] (TEC On)	59
Weight [kg]	68

Communication

Expansion	1 x CAN (RJ45)
Inverter	1 x CAN (RJ45)
Firmware Upgrades	USB
User Interface	LCD Screen

Assurance

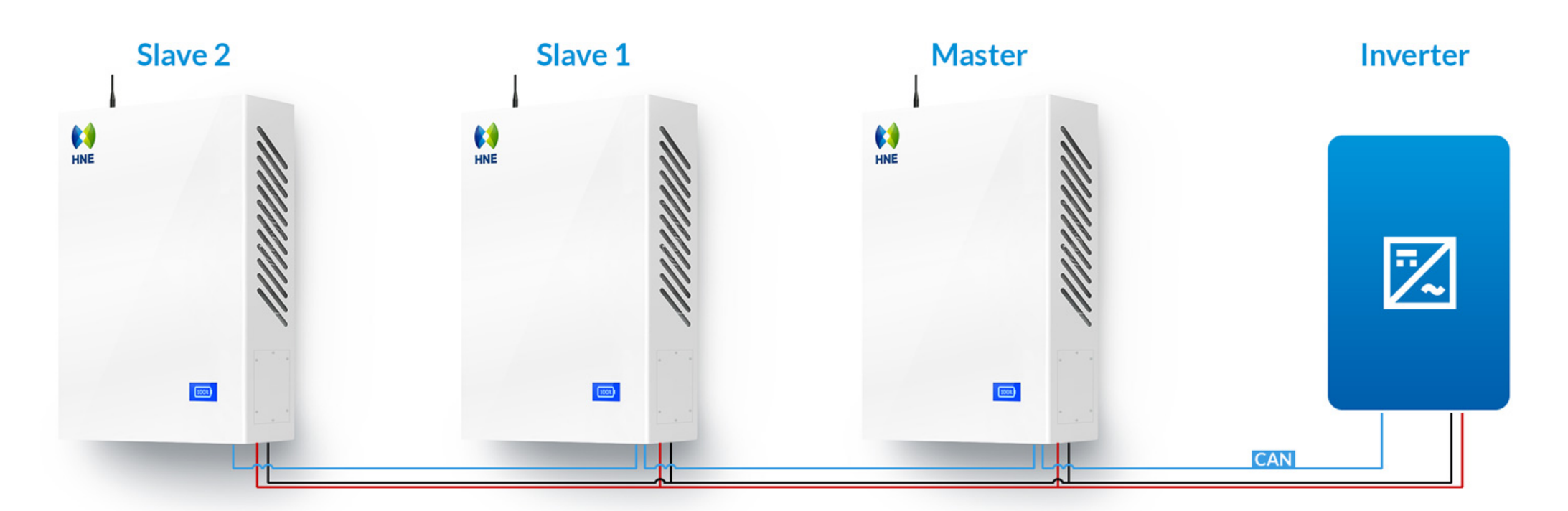
Cell Type	LG MH1 Lithium-ion
Life Cycle	6000
Warranty	10 Years
Battery Service Life	15+ Years

Compatible Hybrid Inverters & Retrofits

SMA, GoodWe, Sungrow, Selectronics

Certifications

UN 38.3, UL 1642, UL 1973, IEC 62619

eTank
System Features

System Expansion
(Scalability Eight Units)