

ASPILSAN ESS75e

Energy Storage System (ESS)

- Variable

Specifications

Part / Order Number	: 60087000075
Energy Storage Capacity	: 76kWh
Cabin	: 10'' Container
Weight	: 3850kg (Approx.)
Discharge	: min. : 60min. – nominal: 120min.
Charge	: min. : 60min. – nominal: 60min.
Charge/Discharge	: ≥95%
Battery Manage System	: Real-time control, the balance for max. practicable capacity, algorithms for long battery life, practicable capacity/power calculation
Input Voltage	: 380VAC (3 Phases + Notr + Ground)
Input Voltage Tolerance	: ± %20
Input Frequency	: 50/60Hz
Input Frequency Tolerance	: 0.05
Input Power Factor	: 0.98-0.99
Total Harmonic Noise-Current (THDi)	: <%5
Output Voltage	: 380VAC (3 Phases + Notr + Ground)
Output Voltage Regulation	: <±%1
Output Frequency	: 50/60Hz
Output Frequency Rate	: Online mode synchronic network ±%2; Free working ±0.01Hz
Full Load Efficiency	: 95%
Total Harmonic Noise – Voltage (THDv)	: <%3 Linear Load, <%5 Pulse Load
Shortcircuit	: Electronic Protection
Reliability	: Electronic controlled cabin climatization, automatic and manuel switch fuse protection, fire extinction system, DC bus mechanic separator switch
Producible ESS Specifications	: 3,5 kWh (5 kVA) , 135 x 60 x 30 cm, 110-120 kg (Portable ESS) 7 kWh (5 kVA), 180 x 60 x 30 cm, 170-180 kg (Portable ESS) 10,5 kWh (5 kVA), 135 x 120 x 30 cm, 240-250 kg (Portable ESS) 12 kWh (12 kVA), 100 x 150 x 30 cm, 180-200 kg (For Buildings) 12 kWh (12kVA), 100 x 60 x 80 cm, 180-200 kg (For Buildings) 17 kWh (12kVA), 100 x 75 x 80 cm, 330-350 kg (For Buildings) 10'', 3x2,5x2,6 m, 75 – 150 kWh, 3.450 kg (External) 20'', 6x2,5x2,6 m, 500 kWh, 15.350 kg (External) 40'', 12,2x2,5x2,6 m, 1 MWh, 29.700 kg (External)