

C&I series

INVERGY
UPGRADING POWER FOR BETTER FUTURE

LiFePO4 Battery Bank

INV-ESS-512V-100AH

INV-ESS-665V-100AH



Inbuilt Data Logger



Air Cooled System



7 inch Touch Panel HMI Monitoring System



Multi layered BMS



Toll Free No. 1800 309 7880

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MODEL	INV-ESS-512V-100AH	INV-ESS-665V-100AH
MODULE VOLTAGE (V)	512	665
MODULE CAPACITY (AH)	100	100
BATTERY CHEMISTRY	LIFEP04	LIFEP04
RATED ENERGY (KWH)	51.2	66.56
MODULE CHARGING VOLTAGE (V)	584	759
MODULE DISCHARGING VOLTAGE (V)	416	540
MAX. CHARGE CURRENT (0.5C) (A)	50	50
NOMINAL CHARGE CURRENT (A)	30	30
MAX. DISCHARGING CURRENT (A)	50	50
MAX CONTINUOUS DISCHARGE CURRENT (A)	70	70
OPERATING VOLTAGE RANGE (V)	448 - 584	582 - 759
MODULE	512	665
OPERATING TEMPERATURE CHARGE	0°C TO 50°C	0°C TO 50°C
OPERATING TEMPERATURE DISCHARGE	-20°C TO 60°C	-20°C TO 60°C
STORAGE TEMPERATURE	25°C	25°C
COMMUNICATION METHOD	RS485/CAN	RS485/CAN
BATTERY CYCLE (80% DOD)	<5000 CYCLES	<5000 CYCLES
PROTECTION CLASS	IP54	
DIMENSION	L810*W1216*H1429MM	L810*W1216*H1429MM
WEIGHT	1050KG(Approx.)	1300KG(Approx.)
SHORT CIRCUIT CURRENT PROTECTION	YES	YES
THERMAL PROTECTION	YES	YES
FAN	YES	YES