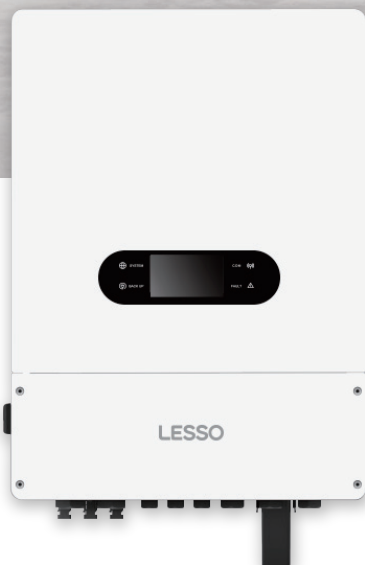


LESSO



LEC (5-12)K

Residential Hybrid Inverter

(Three Phase)

Product Model	LEC-502B3BD	LEC-602B3BD	LEC-702B3BD	LEC-802B3BD	LEC-103B3BD	LEC-123B3BD
PV input						
Vmax PV (Vdc) (absolute Max.)	1000V					
Isc PV (absolute Max.) (A)	22.5A	22.5A	22.5A	22.5 A/22.5A	45A/22.5A	45A/22.5A
Max. PV input current / strings (A)	18A	18A	18A	18A/18A	36A/18A	36A/18A
Number MPP trackers	1			2		
MPPT Range (Vdc)	200～800					
Vdc range @ full power (Vdc)	350～800					
Pv Max(kW)	10	12	14	16	20	24
Battery (charge/discharge)						
Battery type	Li-ion/Lead-acid					
Battery Norma Voltage (Range) (Vdc)	48V(40-60V)					
Max charge/discharge Current(A)	120	125	150	190	210	250
Max charge/discharge Power(W)	5000	6000	7000	8000	10000	12000
AC Grid (input and output)						
Normal AC Voltage (VAC)	380/400(3W+N+PE)					
Frequency (Hz)	50/60					
Max. cont output current (A)	8.3	10	11.6	13.3	16.7	20
Max. cont output Power (W)	5000	6000	7000	8000	10000	12000
Max. cont. Apparent Power (VA)	5500	6600	7700	8800	11000	13200
Power factor(adjustable)	0.8 leading to 0.8 lagging					
AC Load output (stand alone)						
Normal Voltage (VAC)	380/400(3W+N+PE)					
Frequency (Hz)	50/60					
Nominal Current(A)	8.3	10	11.6	13.3	16.7	20
Max. cont. Power (W)	5000	6000	7000	8000	10000	12000
Overload Capability (off grid)	>200% for 15 sec					
Output Power Factor(off grid)	0.8 leading to 0.8 lagging					
Output Current Harmonic Distortion	THD<3%(Nonlinear load); THD<1.5%(Linear load)					
Others						
Ingress protection (IP)	IP66					
Protective class	Class I					
Temperature (℃)	-25 ℃ ～+60 ℃					
Inverter Isolation	Non-isolated PV- AC; High frequency isolated(Battery Side)					
Overvoltage category	OVC III (AC Main), OVC II (PV)					
Dimensions,D*W*H(mm)	475*683*256					
Weight(kg)	38					
Altitude	2000m					

Remarks: Specifications are subject to change without notice; Special voltage and power requirements can be customized designed