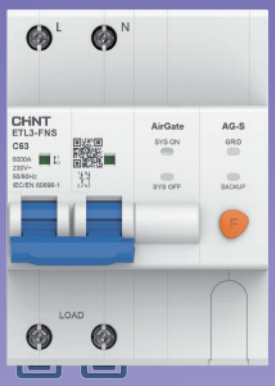
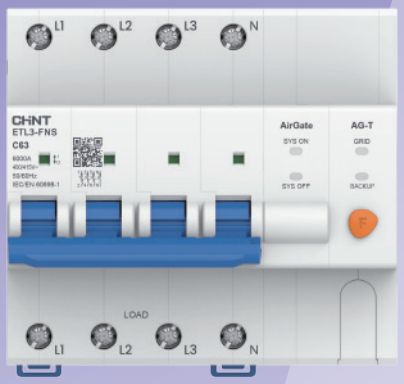
The Champion's Choice

Higher · Faster · Smarter

FOX ESS

AIRGATE





- **5 in 1 design:**
MCB, changeover switch, metering, bypass switch and CT
- **AI phase self-adaption:**
Same 6 CT metering self-adaption integrated;
- **3rd Party PV inverter ready:**
Third Party PV inverter can work under off-grid mode
- **Full-house backup:**
Up to 14.5kW single phase and 43.5kW three phase;
- **50% cabling saved:**
Less cablings by reducing EPS port wiring;
- **Space saver:**
Compact design with din-rail mounted 4-6 poles space only;

HIGH ACCURACY

WIRING SAVING

SPACE SAVING

SHORT TIME SWITCH

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DATASHEET

TECHNICAL SPECIFICATIONS

MODEL	AG-S	AG-T
SPECIFICATION		
Rated Current [A]	63	
Rated Voltage [V]	220/230/240	380/220; 400/230; 415/240
Frequency [Hz]	50/60	
Power Grid Type	1P+N	3P+N
Circuit Breaker Poles	4P	6P
Backup Switch Time [s]	<2	
Trip Curve Type	C	
Voltage Operating Range [V]	143~288	
Maximum Measured Current [A]	63	
Rated Short Circuit Capacity [kA]	6	
Rated Insulation Voltage [V]	690	
Rated Impulse Withstand Voltage [kV]	6	
Communication Interface	RS485, DI*1, DO*2	
Interface Form	RJ45	
Communication Distance [m]	100	
CURRENT TRANSFORMER (CT)		
CT Ratio	100A/40mA	
CT Cable Length [m]	10	
CT Quantity	2	6
GENERAL DATA		
Dimensions(W*H*D) [mm]	72*100*73	108*100*73
Weight [g]	413	684.5
Reference Set Temperature [°C]	30	
Operating Ambient Temperature Range [°C]	-30 ~ +70	
Humidity [%]	≤95	
Maximum Operating Altitude [m]	≤4000	
Compliance	CE, RCM, IEC60898-1, IEC61326-1, IEC61000-6-2/3	
Accuracy Class	1%	
EMC	Yes	
Circuit Breaker Function	Yes	
On-grid/Off-grid Switching Function	Yes	
Whole Home Backup Function	Yes	
Bypass Function	Yes	
Manual/Automatic Reclosing	Yes	
External CT /Energy metering	Yes	
Self-Adaptation Function	Yes	
AI Phase Sequence Self-Check	Yes	
Integration with External Third-Party Inverters	Yes	
Mounting Method	35mm Din-rail Mounting	
Compatible Models	H1-G2, KH, PQ1, PQ1 Plus, P100, P100E, P160	H1-G2, KH, PQ1, PQ1 Plus, P100, P100E, P160, H3 Smart, H3 Pro, PQ3, PQ3 Plus