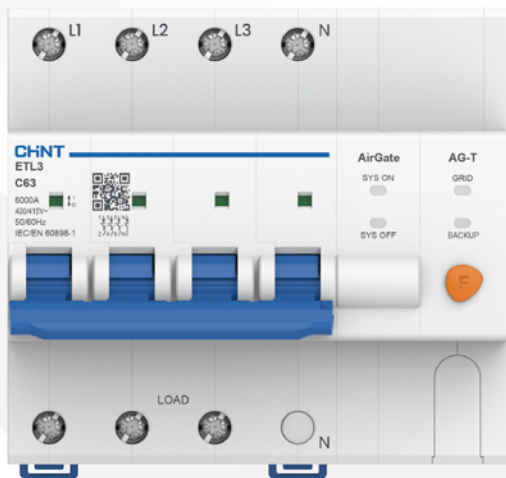




AIRGATE



- **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**



**SEAMLESS
SWITCH**



For more information about the Fox ESS range, visit:
au.fox-ess.com

TECHNICAL SPECIFICATIONS

MODEL	AG-S	AG-T
SPECIFICATION		
Rated Current	63A	63A
Rated Voltage	AC220V/230V/240V	AC380V/400V/415V
Frequency	50Hz/60Hz	50Hz/60Hz
Power Grid Type	1P+N	3P+N
Circuit Breaker Poles	4P	6P
Backup Switch Time ^{*1}	2s	
Trip Curve Type	C	
Voltage Operating Range	143~288V	
Maximum Measured Current	63A	
Rated Short Circuit Capacity	6kA	
Rated Insulation Voltage	690V	
Rated Impulse Withstand Voltage	6kV	
Communication Interface	RS485, DI*1, DO*2,	
Interface Form	RJ45	
Communication Distance	100m	
CURRENT TRANSFORMER (CT)		
CT Ratio	100A/40mA	
CT Cable Length	10m	
CT Quantity	2	6
GENERAL DATA		
Dimensions	72mm*100mm*73mm	108mm*100mm*73mm
Weight	413g	684.5g
Reference Set Temperature	30℃	
Operating Ambient Temperature Range	-30~70℃	
Humidity	≤95%RH	
Maximum Operating Altitude	≤4000m	
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	HI-G2, KH, PQ1, PQ1 Plus, P160	HI-G2, KH, PQ1, PQ1 Plus, P160, H3 Smart, H3 Pro, PQ3, PQ3 Plus

*1 : Compatible with V1.0 inverters.