Solis Meters

Product Name	Description	Equipment	Compatible PV Inverters	Compatible Hybrid Inverters	Picture	Datasheet
CT-RAI	1. Used on 1-phase grid tied inverters WITH 2PIN CT PORT or 4PIN CT/METER PORT to do internal export power limit function / consumption monitoring function. 2. Used on RAI/S5 AC coupled inverters WITH 2PIN CT PORT to do extra PV inverter power measurement. (Only usable with UK Inverters).	CT: Yuanxing CTSA016 3000:1 100A:33.33mA	Solis-mini(700-3600)-4G Solis-1P(2.5-6)K-4G Solis-1P(7-8)K-5G S5-GR1P(0.7-3.6)K-M S5-GR1P(2.5-6)K S5-GR1P(7-10)K S6-GR1P(0.7-3.6)K-M S6-GR1P(2.5-6)K S6-GR1P(2.5-6)K-S S6-GR1P(7-8)K2 S6-GR1P(7-10)K03-NV-ND	"RAI-3K-48ES-5G S5-EA1P3K-L"		PDF
YuanXing CTSA035 - 350A/50mA	When using multiple S6-EH1P(3-8)K-PLUS in parallel system, master inverter connects this CT for system control.	CT: YuanXing CTSA035 - 350A/50mA		S6-EH1P(3-8)K-PLUS (When parallel)		PDF
CT-1P/3P-Eastron 100A/50mA	Used on 1-phase/3-phase hybrid inverters to do hybrid control logic and export power limit function / consumption monitoring function.	CT: ESCT-TA16-100A/50 mA 0A/5A		S6-EH1P(3-8)K-L-PRO/PLUS S6-EA1P(3-6)K-L (Grid Side) S6-EH3P(8-15)K02-NV-YD-L S6-EH1P(12-16)K03-NV-YD-L		PDF
CT Eastron ESCT-T50 - 300A/5A	Used on 3-phase hybrid inverters to do hybrid control logic and export power limit function / consumption monitoring function.	CT: Eastron ESCT-T50 - 300A/5A		S6-EH3P(29.9-50)-H		PDF
CT-1P-Eastron	Used on S6 EA AC coupled model for measurement of the external PV inverter´s production.	CT: ESCT-TA16 100A/100mA		S6-EA1P(3.6-6)K-L (external PV inverter)		PDF

Solis Meters

Product Name	Description	Equipment	Compatible PV Inverters	Compatible Hybrid Inverters	Picture	Datasheet
"Meter-1P-Acrel (Built-in CT)"	Used on 1-phase grid tied inverters WITH 2PIN METER PORT or 4PIN CT/METER PORT to do internal export power limit function/ consumption monitoring function.	METER: 1-phase Acrel DDSD1352 (INLINE 60A)	Solis-mini(700-3600)-4G Solis-1P(2.5-6)K-4G Solis-1P(7-8)K-5G S5-GR1P(0.7-3.6)K-M S5-GR1P(2.5-6)K S5-GR1P(7-10)K S6-GR1P(0.7-3.6)K-M S6-GR1P(2.5-6)K S6-GR1P(2.5-6)K-S S6-GR1P(7-8)K2 S6-GR1P(7-10)K03-NV-ND			PDF
Meter-1P-Acrel (External CT)	1. Used on 1-phase grid tied inverters WITH 2PIN METER PORT or 4PIN CT/METER PORT to do internal export power limit function/ consumption monitoring function. 2. Used on RAI/RHI/S5 1-phase hybrid inverters to do hybrid control logic and export power limit function/ consumption monitoring function.	METER: 1-phase Acrel ACR10R-16DTE (External CT Secondary 40mA) Note: Its CT(XH-SCT-T16/120 120A:40mA) is already connected to the meter. There is no separate BOM code available for this CT alone.	Solis-mini(700-3600)-4G Solis-1P(2.5-6)K-4G Solis-1P(7-8)K-5G S5&S6-GR1P(0.7-3.6)K-M S5&S6-GR1P(2.5-6)K S5-GR1P(7-10)K S6-GR1P(2.5-6)K-S S6-GR1P(7-8)K2 S6-GR1P(7-10)K03-NV-ND	RAI-3K-48ES-5G S5-EA1P3K-L RHI-(3-5)K-48ES RHI-(3-6)K-48ES-5G S5-EH1P(3-6)K-L		PDF
Meter-3P-RHI- Acrel	1. Used on 1-phase hybrid inverters to do hybrid control logic and export power limit function/ consumption monitoring function(Inverter on phase A of the 3PH meter). 2. Used on 3-phase hybrid inverters to do hybrid control logic and export power limit function/ consumption monitoring function.	METER: 3-phase Acrel ACR10R-16DTE4 (External CT Secondary 40mA) Note: Its CT(XH-SCT-T16/120 120A:40mA) are already connected to the meter. There is no separate BOM code available for this CT alone.		RAI-3K-48ES-5G S5-EA1P3K-L RHI-(3-5)K-48ES RHI-(3-6)K-48ES-5G S5-EH1P(3-6)K-L RHI-3P(5-10)K-HVES-5G		PDF

Solis Meters

Product Name	Description	Equipment	Compatible PV Inverters	Compatible Hybrid Inverters	Picture	Datasheet
Meter-3P-Acrel (Built-in CT)	Used on 3-phase grid tied inverters to do internal export power limit function / consumption monitoring function (<40kW Inline)	METER: 3-phase Acrel DTSD1352 (INLINE 80A)	Solis-3P(3-20)K-4G Solis-3P(5-10)K-4G-LV Solis-(25-40)K-5G Solis-(15-23)K-LV-5G S5-GR3P(3-20)K S5-GR3P(5-10)K-LV S5-GC(25-40)K S5-GC(15-23)K-LV S6-GR3P(5-10)K03-NV-ND-AU S6-GC3P(25-36)K03-NV-ND S6-GC3P(15-20)K03-LV-ND			PDF
Meter-3P-Acrel (External CT)	Used on 3-phase grid tied inverters to do internal export power limit function / consumption monitoring function.	METER: 3-phase Acrel DTSD1352 (External CT secondary, 5A)	Solis-3P(3-20)K-4G Solis-3P(5-10)K-4G-LV Solis-(25-40)K-5G Solis-(15-23)K-LV-5G S5-GR3P(3-20)K S5-GR3P(5-10)K-LV S5-GC(25-40)K S5-GC(15-23)K-LV S6-GR3P(5-10)K03-NV-ND-AU S6-GC3P(25-36)K03-NV-ND S6-GC3P(15-20)K03-LV-ND S6-GC3P(40-60)K-NV-ND S6-GC(23-36)K-LV-ND S6-GC(80-125)K(300A) S6-GC(50-75)K-LV(300A) S6-GC3P150K07-ND(300A) S5-GC(50-60)K S5-GC(25-36)K-LV S5-GC(80-110)K (300A)	S6-EH1P(3-8)K-PLUS (When parallel)		PDF
Meter 1-phase Eastron SDM120CTM (External CT, secondary 5A)	Used on 1-phase hybrid inverters to do hybrid control logic and export power limit function / consumption monitoring function	METER: 1-phase Eastron SDM120CTM (External CT, secondary 5A)		S6-EH1P(12-16)K03-NV-YD-L		PDF

Solis Meters

Product Name	Description	Equipment	Compatible PV Inverters	Compatible Hybrid Inverters	Picture	Datasheet
Meter-1P-RHI-Eastron (with CT)	1. Used on 1-phase grid tied inverters WITH 2PIN METER PORT or 4PIN CT/METER PORT to do internal export power limit function/ consumption monitoring function. 2. Used on 1-phase hybrid inverters to do hybrid control logic and export power limit function/ consumption monitoring function	METER: 1-phase Eastron SDM120CTM (External CT, secondary 100mA) Note: Its CT(ESCT-TA16 100A/100mA) is already connected to the meter. There is no separate BOM code available for this CT alone.	S5-GR1P(7-10)K S6-GR1P(2.5-6)K-S S6-GR1P(0.7-3.6)K-M S6-GR1P(7-8)K2 S6-GR1P(7-10)K03-NV-ND	RHI-(3-5)K-48ES RHI-(3-6)K-48ES-5G S5-EH1P(3-6)K-L S6-EH1P(3-6)K-L S6-EH1P(3-8)K-L-PRO/PLUS S6-EA1P(3-6)K-L		PDF
Meter-3P-RHI-Eastron	1. Used on 1-phase hybrid inverters to do hybrid control logic and export power limit function / consumption monitoring function (inverter on phase L1 of the 3-phase meter). 2. Used on 1-phase grid tied inverters to do internal export power limit function/ consumption monitoring function (Inverter on phase L1 of the 3-phase meter). 3. Used on 3-phase hybrid inverters to do hybrid control logic and export power limit function / consumption monitoring function. 4. Used on 3-phase grid tied inverters to do internal export power limit function / consumption monitoring function.	METER: 3-phase Eastron SDM630MCT (External CT, secondary 40mA)	S5-GR1P(7-10)K S5-GR3P(3-20)K S5-GC(25-40)K S6-GC3P(25-36)K03-NV-ND S6-GC3P(40-60)K-NV-ND	RHI-(3-5)K-48ES RHI-(3-6)K-48ES-5G RHI-3P(3-10)K-HVES-5G S5-EH1P(3-6)K-L S6-EH1P(3-6)K-L S6-EH1P(3-8)K-L-PLUS S6-EH3P(5-10)K-H S6-EA3P(5-10)K-NV-ND-H S6-EH3P(8-12)-LV-H S6-EH3P(8-15)K02-NV-YD-L S6-EH1P(12-16)K03-NV-YD-L S6-EH3P(12-20)K-H S6-EH3P(15-30)K-H-LV-ND S6-EH3P(29.9-50)-H		PDF
Meter-3P-Eastron V2 (with CT)	Used on 3-phase hybrid inverters to do hybrid control logic and export power limit function / consumption monitoring function.	METER: 3-phase Eastron SDM630MCT V2 (External CT, secondary 5A)		S6-EH3P(5-10)K-H S6-EH3P(12-20)K-H S6-EH3P(29.9-50)-H S6-EH3P(8-15)K02-NV-YD-L		PDF

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Product Name	Description	Equipment	Compatible PV Inverters	Compatible Hybrid Inverters	Picture	Datasheet
Solis-EPM1-5G	Solis EPM Export Manager 5G (For 1Ph Sites) without CT	Solis-EPM1-5G	All PV single phase grid-tied inverters	RAI-3K-48ES-5G S5-EA1P3K-L		PDF
Solis-EPM3-5G	Solis EPM Export Manager 5G (For 3Ph Sites)	Solis-EPM3-5G		S6-EH1P(3-8)K-PLUS (When parallel)		PDF
Solis EPM Export Manager 5G PLUS (For 3Ph Sites)	Solis EPM Export Manager 5G PLUS (For 3Ph Sites)	Solis-EPM3-5G-PLUS		S6-EH1P(3-8)K-L-PRO/PLUS S6-EA1P(3-6)K-L (Grid Side) S6-EH3P(8-15)K02-NV-YD-L S6-EH1P(12-16)K03-NV-YD-L		PDF
Solis-EPM3-5G-PRO	Solis EPM Export Manager 5G PRO (For 3Ph Sites) with External Meter, without CTs	Solis-EPM3-5G-PRO		S6-EH3P(29.9-50)-H		PDF